2002 Real Property Assessment Manual and Guidelines Amended Pages

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Introduction

A general reassessment of all real property within the state is required as of March 1, 2002. The next general reassessment is statutorily required for March 1, 2006. This assessment manual contains the rules for assessing real property located in Indiana for the March 1, 2002, through March 1, 2005, assessment dates. It includes a number of changes from prior reassessment manuals issued by the State Board of Tax Commissioners.

The foundations upon which this assessment manual is built are established by the Indiana Constitution and the statutes of the Indiana General Assembly. Article X. Section 1 of the Indiana Constitution requires:

a system of assessment and taxation characterized by uniformity, equality and just valuation based on property wealth, but the Clause does not require absolute and precise exactitude as to the uniformity and equality of each individual assessment.1

IC 6-1.1-31-6(c) and 6-1.1-31-7(d) further define True Tax Value: "True tax value does not mean fair market value." It is within this structure, and that required by the courts, that True Tax Value, as expressed in this manual, seeks to operate. IC 6-1.1-31-6(c) goes on to state that: "True tax value is the value determined under the rules of the State Board of Tax Commissioners." Given that the courts and statutes do not fully define true tax value, it is incumbent upon the State Board of Tax Commissioners to develop a definition that satisfies both statutory and judicial requirements by providing a definition that measures property wealth, but is not fair market value.

True tax value, therefore, is defined as:

The market value-in-use of a property for its current use, as reflected by the utility received by the owner or a similar user, from the property.

It is this definition, therefore, that sets the standard upon which assessments may be judged. Although this assessment manual provides general rules for assessing property, situations may arise that are not explained or that result in assessments that may be inconsistent with this definition. In those cases the assessor shall be expected to adjust the assessment to comply with this definition and may ask the State Board to consider additional factors, pursuant to IC 6-1.1-31-5, to accomplish this adjustment.

True tax value may be thought of as the ask price of property by its owner, because this value more clearly represents the utility obtained from the property, and the ask price represents how much utility must be replaced to induce the owner to abandon the property. In markets in which sales are not representative of utilities, either because the utility derived is higher than indicated sale prices, or in markets where owners are motivated by non-market factors such as the maintenance of a farming lifestyle even in the face of a higher use value for some other purpose, true tax value will not equal value in exchange. In markets where there are regular exchanges, so that ask and offer prices converge, true tax value will equal value in exchange, except for owner occupied housing units, where true tax value will be equal to the value in exchange.

¹ State Board of Tax Commissioners v. Town of St. John, 702 N.E.2d 1034, 1040 (Ind. 1998).

To satisfy the requirements imposed by the courts and the legislature, True Tax Value uses fair market value data of property wealth, but derives values that are not based strictly on fair market value. Instead, True Tax Value gives recognition to two principles of the theory of wealth and value that fair market value does not adequately capture: (1) the concept of value-in-use; and (2) the recognition that "wealth" at its core is not an absolute, but rather to some degree, a comparative term.

Based on the decisions provided by recent court rulings, the basis for True Tax Value outlined in this manual is value-in-use as opposed to value-in-exchange. This concept incorporates objectively verifiable data leading to a determination of property wealth. Property wealth under a value-in-use premise may or may not be the same as market value depending on the specific characteristics of the property. The following definition provides guidance for determining the True Tax Value under a value-in-use approach:

Use Value: The value a specific property has for a specific use.²

Traditionally, the appraisal profession has used three approaches, or three methods, in determining the value of real property. The first approach, known as the *cost approach*, estimates the value of the land as if vacant and then adds the depreciated cost new of the improvements to arrive at a total estimate of value. The second approach, known as the *sales comparison approach*, estimates the total value of the property directly by comparing it to similar, or comparable, properties that have sold in the market. The third approach, known as the *income approach*, is used for income producing properties that are typically rented. It converts an estimate of income, or rent, the property is expected to produce into value through a mathematical process known as capitalization.

All three of these approaches, when properly processed, should produce approximately the same estimate of value. Fee appraisers use all three approaches when appraising individual properties. However, assessing officials are faced with the responsibility of valuing all properties within their jurisdictions during a reassessment and often times do not have the data or time to apply all three approaches to each property. Therefore, the cost approach has historically been used in mass appraisal by assessing officials since data is available to apply it to all properties within a jurisdiction. The cost approach also lends itself to mass appraisal because it is easily adapted to computer systems.

Replacement cost is preferred as opposed to reproduction cost because replacement cost estimates the cost of a physical structure with similar utility. This estimate of cost should be closely aligned with value-in-use.

Property wealth estimated by value-in-use often approximates value-in-exchange in instances where property types are frequently exchanged and used by both buyer and seller for the same purpose. A good example of this outcome is a small neighborhood retail center that is well occupied and maintained. Property wealth under value-in-use will be different from value-in-exchange. One instance is for special-purpose industrial properties where value-in-exchange occurs only infrequently and under special circumstances.

Special-purpose properties often have very different property wealth estimates under a value-in-use scenario as opposed to value-in-exchange due to the motivations of the parties involved.

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² Appraisal Institute, *The Dictionary of Real Estate Appraisal*, pg. 383. (1993)

This difference can be expressed as the difference between the bid and ask price for a special-purpose asset. The bid price is what a buyer is willing to pay to purchase an asset, the ask price is what the seller is willing to take in exchange for an asset. Typically, the bid price will initially be lower than the ask price, some negotiation will occur, and when the two are equal an exchange will take place.

In assessment, we are estimating how this negotiation will be resolved as of January 1, 1999. For property types that are frequently traded, the bid and ask price are likely to be fairly similar. For properties that are infrequently exchanged, or that are only exchanged under extraordinary circumstances, this difference between the bid and ask price is likely to be wider and more difficult to reconcile.

A seller of a special-purpose industrial property would accept nothing less than a price equal to the utility being gained from the property. For properties currently in use, this amount would be termed the value-in-use (i.e. the ask price). A buyer of a special-purpose property would initially bid no more than necessary to motivate the seller. A buyer would likely start with a low bid such as the liquidation value of the property. Assuming that the buyer intends to use the property for its current use, the buyer will likely adjust the bid price until a transaction is completed. Since the seller has no motivation to sell at anything less than the value-in-use for a special-purpose property, the ask price becomes the benchmark for a likely transaction under a value-in-use scenario. In the case in which the seller adjusts its opening price and actually consummates a transaction with the buyer at an agreed price, the bid and ask prices coincide and reflect the value-in-use of the property.

As noted previously, some types of fair market value data or valuation methods may be used to calculate True Tax Values, but these data and methods may be used only as described in these rules. In general, such methods will be applicable only if they rely on data that was readily available to the assessor at the time the assessment was made and they represent a reliable indicator of value based on the value-in-use premise or except as the Board may provide in its equalization rule. Fee appraisals of the subject property, or comparable sales approaches, that estimate the market value of improvements may be considered in determining true tax value if they are based on the value-in-use standard and utilize market information that is relevant to the subject property under the assumption that a potential purchaser would continue the existing use of the subject property. Whether a comparable sales approach or an income approach is a reliable indicator of the true tax value of commercial and industrial property under the value-inuse standard must be determined on a case-by-case basis. If the property is a single-use or specialty property and there is no market for the property, the comparable sales approach may be inapplicable depending on the facts. Single-use or specialty property for this purpose means property which is so uniquely designed and adapted for the business conducted upon it or the use made of it and which cannot be converted to other uses without the expenditure of significant sums of money. When others could feasibly use the property for the same general commercial or industrial purpose, e.g. light manufacturing, general retail, or other use type defined in this manual, comparable sales data may be employed to determine true tax value if the data is reliable, the sampled property sales are reasonably comparable based on accepted appraisal standards, and the data was reasonably available to the assessor at the time the assessment was made.

For the purposes of this provision, "readily available" means information reasonably imputed to be information that the assessor should know is relative to the assessment, that the assessor is aware exists, and could have been accessed with reasonable ease or that the assessor could have availed himself/herself of with reasonable ease. Likewise, any information held,

Median

■A measure of central tendency. When the number of items is odd, the value of the middle item when the items are arrayed by size. When the number of items is even, the arithmetic average of the two central items when the items are similarly arranged. Thus, a positional average that is not affected by the size of extreme values.

Mode

■ The most frequently occurring observation in an array.

Model

■ (1) A representation of how something works. (2) For purposes of appraisal, a representation (in words or an equation) that explains the relationship between value or estimated sale price and variables representing factors of supply and demand.

Property Wealth

▲ The abundance of economic utility realized from property rights. A relative concept that reflects the difference between the property owned by the taxpayer and the minimum amount necessary to sustain life.

Ratio Study

A study of the relationship between appraised or assessed values and market values. Indicators of market values may be either sales (sales ratio study) or independent "expert" appraisals (appraisal ratio study). Of common interest in ratio studies are the level uniformity of the appraisal or assessments.

Reassessment

■The re-listing and reappraisal of all property in a jurisdiction or portion thereof. Also called reappraisal or revaluation.

Replacement Cost

■The cost, including material, labor, and overhead, which would be incurred in constructing an improvement having the same utility to its owner as a subject improvement.

Reproduction Cost

■The cost of constructing a new improvement, reasonably identical with the subject improvement, using the same materials, construction standards, design, and quality of workmanship.

Sale Price

■Amount paid for an item.

Sales Ratio Study

■A ratio study that uses sales prices as a proxy for market values.

Single-Property Appraisal

■Appraisal of properties one at a time. Contrasts with Mass Appraisal.

Statistics

■ (1) Numerical descriptions calculated from a sample. For example, the **median**, **mean**, or **coefficient of dispersion**. Statistics are used to estimate corresponding measures.

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termed parameters, for the population. (2) The science of studying numerical data systematically and of presenting the results usefully.

Subject Property

■The property being appraised.

Taxable Value

■The appraised value minus all applicable exemptions, deductions, and abatements. Property taxes are levied on taxable value. ▲In Indiana, the taxable value is referred to as net assessed value.

True Tax Value

▲ The market value in use of a property for its current use, as reflected by the utility received by the owner or a similar user, from the property.

Use Value

See Value-in-Use; synonymous with Market Value-in-Use.

Valuation Date

■The date as of which a property's value is estimated. ▲The date as of which the **true tax value** of the property is estimated. In the case of the 2002 general reassessment, this would be January 1, 1999.

Value-in-Use

■The value of property for a specified use. The concept that holds value to be inherent in property itself; that is, the value is based on the ability of the asset to produce revenue or utility through ownership. ▲The value a specific property has for a specific use. Synonymous with Use Value and Market Value-in-Use.

Wealth

See Property Wealth.

Assessment Ratio Studies and Equalization

The accuracy and uniformity of the assessments produced by any mass appraisal method shall be measured by an assessment ratio study. Should the results of the study show the assessments to be inaccurate and/or non-uniform, equalization shall be the remedy.

Assessment Ratio Studies

A ratio study is a measure of the performance of a mass appraisal method. It compares the assessing official's estimate of value with objectively verifiable data. The objectively verifiable data used in the comparison comes from selling prices and single-property appraisals prepared independent of the assessment process. Sales based ratio studies are preferred because they are less expensive and are more objective than independent single property appraisals.

The ratios used in assessment ratio studies are computed on individual properties by dividing the assessing official's estimate of assessed value, for the property by the sale price, or by an appraised value developed by single-property appraisal methods. If sale price was used, the ratio would be known as the assessment-sale price ratio. If appraised value was used, the ratio would be known as the assessment-appraisal ratio. The formula for an assessment-sale price ratio follows:

$$A/S = (AV) \div SP$$

Where: A/S = Assessment-sale Price Ratio

AV = Assessed Value

SP = Sale Price

*(This variable is excluded for non-owner occupied property

For example, assume a property sold for \$104,000 and was assessed for \$79,000. Further assume the shelter allowance for the county in which the property is located is \$18,000. Applying the above formula would yield the following:

$$A/S = (\$79,000) = \$104,000$$

A/S =
$$0.7596$$
 Rounded to 0.76

In this example, the assessment-sale price ratio would be 0.76, which is the equivalent of seventy-six percent (76%). In other words, this property is assessed at seventy-six percent (76%) of the value it should be assessed. Ideally, all assessment ratios should be at one hundred percent (100%) in order to be considered accurate.

The ratio study uses assessment ratios as the basic data to measure the performance of a mass appraisal method. It statistically measures the accuracy and uniformity of the assessments produced by the mass appraisal method. Accuracy is measured through the application of statistics by measures of central tendency. Uniformity is measured through the application of statistics by measures of relative dispersion.

The statistical measure of central tendency most often used in assessment ratio studies is the median. The statistical measure of relative dispersion most often used is the coefficient of

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dispersion about the median. Both of these measures are defined in the definitions section of this rule.

The median assessment ratio reveals the "average" level at which property is assessed. If, for example, the median assessment ratio for single-family homes in a particular neighborhood is 0.86 (86%) the conclusion can be drawn that, on the average, all homes are assessed at 86% of their value. If the assessment level is supposed to be 100% for this neighborhood, then the ratio study has shown that single-family homes are underassessed and, therefore, not accurately assessed. Ideally, the median should be at 1.00 (100%). This means all properties are, on the average, accurately assessed. But since mass appraisal methods produce only estimates of value and are not an exact science, the actual median assessment ratio may vary from the ideal.

The coefficient of dispersion reveals the "average" difference between individual assessment ratios and the median assessment ratio. It demonstrates the typical amount of deviation the individual assessment ratios have from the median. If, for example, the coefficient of dispersion about the median ratio for single-family homes in a particular neighborhood is 0.18 (18%) the conclusion can be drawn that the individual assessment ratios deviate, on the average, plus or minus 18% from the median assessment ratio. Ideally, the coefficient of dispersion should be at 0 (0%). This means all properties are assessed at the level shown by the median and, therefore, no deviation is present. But, like the median assessment ratio, the actual coefficient of dispersion may vary from the ideal.

Equalization

Standards for evaluating the accuracy and uniformity of mass appraisal methods have been developed by the assessing community. These standards state the overall level of assessment, as determined by the median assessment ratio, should be within ten percent (10%) of the legal level. In Indiana, this means the median assessment ratio within a jurisdiction should fall between 0.90 (90%) and 1.10 (110%) in order to be considered accurate. This standard of ten percent (10%) on either side of the value provides a reasonable and constructive range for measuring mass appraisal methods.

These standards also state the coefficient of dispersion about the median should be at 0.15 (15%) or less for single-family residences and 0.20 (20%) or less for other classes of property. If the coefficient of dispersion is at, or below, these standards, then the mass appraisal method has produced uniform assessments. However, if the coefficient of dispersion is above these standards, then the mass appraisal method has produced non-uniform assessments.

Whenever inaccurate and/or non-uniform assessments are present, the county assessor and the State Board of Tax Commissioners are required to equalize assessments. Equalization of assessments is the process of ensuring all property is, on the average, accurately and uniformly assessed. The equalization process can be accomplished in two ways; through the application of factors to correct the accuracy and through reassessment to correct non-uniformity.

The following decision chart shows when each of the equalization procedures are appropriate:

| Median Assessment Ratio | - Coefficient of Dispersio | n Action Required |
|-------------------------|----------------------------|-------------------|
| Accurate (0.90 to 1.10) | Uniform (=< 0.15) | Nothing |
| Accurate (0.90 to 1.10) | Non-uniform | Reassess |
| Inaccurate | Uniform (=< 0.15) | Apply Factors |
| Inaccurate | Non-uniform | Reassess |

More details on assessment ratio studies and equalization will be found in the equalization rule, 50 IAC 14 (to be promulgated in 2001).

Appendix A - SBTC Property Class Codes

| | Table | A-1. | Propert | y Class | Codes |
|--|-------|------|---------|---------|-------|
|--|-------|------|---------|---------|-------|

| Code | Class of Property |
|------|--|
| 1 | Agricultural taxable land and improvements used primarily for agricultural purposes |
| 2 | The legal description is being valued for severed mineral rights at a flat value of sixty dollars (\$60) per acre |
| 3 | Industrial taxable land and improvements used primarily for manufacturing, processing, or refining foods and materials |
| 4 | Commercial taxable land and improvements used for general commercial and recreational purposes |
| 5 | Residential taxable land and improvements used primarily for residential purposes |
| 6 | Exempt property |
| 8 | Taxable land and improvements owned by a public utility company |

Table A-2. Property Subclass Codes

| Class Code 1 Agricultural taxable land and improvements used primarily for agricultural purposes | | | | | | | |
|--|--|----|------------------|----|--------------|----|--------------------|
| 00 | Vacant land | 03 | Dairy farm | 07 | Tobacco farm | 11 | Beef farm |
| 01 | Cash grain/general | 04 | Poultry farm | 08 | Nursery | 20 | Timber |
| | farm | 05 | Fruit & nut farm | 09 | Greenhouses | 99 | Other agricultural |
| 02 | Livestock other than dairy and poultry | 06 | Vegetable farm | 10 | Hog farm | | use |

Class Code 2 The legal description is being valued for severed mineral rights at a flat value of sixty dollars (\$60) per acre

| 00 | Severed mineral rights | | |
|----|------------------------|--|--|
| | | | |

Class Code 3 Industrial taxable land and improvements used primarily for manufacturing, processing, or refining foods and materials

| 00 | Vacant land | 30 | Medium | 46 | Research and | 70 | Small shop |
|----|---------------------|----|-------------------|----|------------------|----|------------------|
| 10 | Food and drink | | manufacturing and | | development | 80 | Mine or quarry |
| | processing facility | | assembly | | facility | 85 | Landfill |
| 20 | Foundries and | 40 | Light | 50 | Industrial | 90 | Grain elevator |
| | heavy | | manufacturing and | | warehouse | 99 | Other industrial |
| | manufacturing | | assembly | 60 | Industrial truck | 33 | structure |
| | | 45 | Industrial office | | terminal | | Structure |

| | | - | | | | | |
|------|---|--------|---------------------------------------|-------|--|-------|--------------------------------------|
| Cla | Class Code 4 Commercial taxable land and improvements used for general commercial and recreational purposes | | | | | | |
| 00 | Vacant land | 25 | Neighborhood | 44 | Full service banks | 60 | Theater |
| 01 | 4 to 19 family | | shopping center | 45 | Savings and loans | 61 | Drive-in theater |
| | apartments | | (Strip center) | 47 | Office building | 62 | Golf range or |
| 02 | 20 to 39 family | 26 | Community | ' | (1 or 2 story) | | miniature course |
| | apartments | | shopping center | 48 | Office building | 63 | Golf course or |
| 03 | 40 or more family | 27 | Regional shopping | | (3 stories or more, | ** | country club |
| | apartments | | center | | walkup) | 64 | Bowling alley |
| 10 | Motel or tourist | 28 | Convenience | 49 | Office building | 65 | Lodge hall |
| | cabins | | market | | (3 stories or more, | 66 | Amusement park |
| 11 | Hotel | 29 | Other retail | | elevator) | 67 | Health club |
| 12 | Nursing home and | | structures | 50 | Convenience | 68 | Ice rink |
| | private hospital | 30 | Restaurant, | | market with | 69 | Riverboat gaming |
| 15 | Mobile home park | | cafeteria, or bar | | gasoline sales | 00 | resort |
| 16 | Commercial camp | 31 | Franchise-type restaurant | 51 | Convenience market / | 80 | Commercial |
| | ground | 35 | Drive-in restaurant | | franchise-type | | warehouse |
| 19 | Other commercial | 39 | Other food service | | restaurant with | 81 | Commercial |
| -00 | housing | | | | gasoline sales | | mini-warehouse |
| 20 | Small detached | 40 | Dry clean plant or laundry | 52 | Service station | 82 | Commercial truck |
| | retail of less than 10,000 square feet | 41 | Funeral home | 53 | Car wash | | terminal |
| 21 | Supermarket | 42 | Medical clinic or | 54 | Auto sales and | 90 | Marine service |
| 22 | Discount and | 42 | offices | | service | | facility |
| 22 | junior department | 43 | Drive-up/walk-up | 55 | Commercial | 95 | Marina |
| | store | 43 | bank only | | garage | 99 | Other commercial |
| 24 | Full line | | Danit Only | 56 | Parking lot or | ļ | structures |
| | department store | | | | structure | | |
| Clas | ss Code 5 Residenti | al tax | able land and improve | ement | s used primarily for re | siden | tial purposes |
| 00 | Vacant platted lot | 15 | One family | 32 | Three family | 44 | Mobile or |
| 01 | Vacant unplatted | ı | dwelling on | | dwelling on | | manufactured |
| | land of 0 to | | unplatted land of | | unplatted land of | | home on unplatted |
| | 9.99 acres | | 40 or more acres | | 10 to 19.99 acres | | land of 30 to |
| 02 | Vacant unplatted | 20 | Two family | 33 | Three family | | 39.99 acres |
| | land of 10 to | | dwelling on a | | dwelling on | 45 | Mobile or |
| | 19.99 acres | | platted lot | | unplatted land of 20 to 29.99 acres | | manufactured |
| 03 | Vacant unplatted | 21 | Two family | 34 | | | home on unplatted land of 40 or more |
| | land of 20 to 29.99 acres | | dwelling on unplatted land of | 34 | Three family dwelling on | | acres |
| 0.4 | | | 0 to 9.99 acres | | unplatted land of | 50 | Condominium unit |
| 04 | Vacant unplatted land of 30 to | 22 | Two family | | 30 to 39.99 acres | | on a platted lot |
| | 39.99 acres | | dwelling on | 35 | Three family | 51 | Condominium unit |
| 05 | Vacant unplatted | | unplatted land of | | dwelling on | • | on unplatted land |
| 00 | land of 40 or more | | 10 to 19.99 acres | | unplatted land of | | of 0 to 9.99 acres |
| | acres | 23 | Two family | | 40 or more acres | 52 | Condominium unit |
| 10 | One family | | dwelling on | 40 | Mobile or | | on unplatted land |
| - | dwelling on a | | unplatted land of | | manufactured | | of 10 to |
| | platted lot | | 20 to 29.99 acres | | home on a platted | | 19.99 acres |
| | | L | · · · · · · · · · · · · · · · · · · · | | lot | | |

Continued on next page.

Class Code 5 continued 24 One family Two family 41 Mobile or Condominium unit manufactured dwelling on dwelling on on unplatted land unplatted land of unplatted land of home on unplatted of 20 to 0 to 9.99 acres 30 to 39.99 acres land of 0 to 29.99 acres 9.99 acres 12 One family 25 Two family 54 Condominium unit dwelling on dwelling on 42 Mobile or on unplatted land unplatted land of unplatted land of of 30 to manufactured 10 to 19.99 acres 40 or more acres 39.99 acres home on unplatted land of 10 to 30 13 One family Three family 55 Condominium unit 19.99 acres dwelling on dwelling on a on unplatted land unplatted land of platted lot 43 Mobile or of 40 or more 20 to 29.99 acres 31 Three family manufactured acres home on unplatted 14 One family dwelling on 99 Other residential land of 20 to dwelling on unplatted land of structures 29.99 acres unplatted land of 0 to 9.99 acres 30 to 39.99 acres Class Code 6 Exempt property Exempt property Exempt property Exempt property 86 Church, chapel, owned by the owned by a owned by a mosque. United States of municipality charitable synagogue, America organization that is tabernacle, or 50 Exempt property granted an temple that is 10 Exempt property owned by a board exemption granted an owned by the of education exemption State of Indiana Exempt property 60 Exempt property owned by a 90 Exempt property 20 Exempt property owned by a park religious owned by a owned by a county district organization that is cemetery 30 Exempt property 70 Exempt property granted an organization that is owned by a owned by a private exemption granted an township academy or exemption college 99 Other exempt property owned by an organization that is granted an exemption

| Clas | ss Code 8 Taxable I | and a | nd improvements own | ned by | a public utility compa | any | |
|------|--|-------|---|--------|---|-----|--|
| 00 | Locally assessed vacant utility land | 30 | Locally assessed property owned by | 50 | Locally assessed property owned by | 61 | State assessed property owned by |
| 10 | property owned by | 31 | a pipeline company State assessed | 51 | a sewage company State assessed | | a telephone, telegraph, or cable company that |
| 20 | a bus company Locally assessed property owned by a light, heat, or power company | 31 | property owned by a pipeline company that constitutes a part | J | property owned by a sewage company that constitutes a part | | constitutes a part of any right-of-way of the distribution system |
| 21 | State assessed property owned by a light, heat, or | | of any right-of-way of the distribution system | | of any right-of-way of the collection system | 70 | Locally assessed property owned by a water distribution |
| | power company that constitutes a part of any right-of- way of the light, heat, or power company | 41 | Locally assessed property owned by a railroad company State assessed operating property owned by a railroad company | 60 | Locally assessed property owned by a telephone, telegraph, or cable company | 71 | company State assessed property owned by a water distribution company that constitutes a part of any right-of-way of the distribution system |

Note: Under class code 8, subclass codes 21, 31, 41, 51, 61, and 71 have a zero value at the local level.

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Appendix B - SBTC Land Type Codes

Table B-1. Land Type and Sub-type Codes

| Code | Type of | Land | | |
|---------------|--------------|---------------|------------------------------|-------------------------|
| 1 Commerc | cial and Inc | lustrial Land | | |
| 1 Primary | | 2 Secondary | 3 Undeveloped Useable | 4 Undeveloped Unuseable |
| 2 | Classifie | ed Land | | |
| 3 | Undevel | oped Land | | |
| 4 | Tillable l | Land | | |
| 5 | Non-tilla | ble Land | | |
| 6 | Woodlar | nd | | |
| 7 | Other Fa | armland | | |
| 8 Agricultur | al Support | Land | | |
| 1 Legal Ditch | า | 2 Public Road | 3 Utility Transmission Tower | |
| 9 Homesite | | | | |

2 Agricultural 1 Residential Excess Acres Excess Acres

"2002 Guidelines" Chapter 2

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

To complete the "Valuation Record" sections of the Agricultural, Residential, and Commercial and Industrial Property Record Cards, and to sign and date the cards, perform these steps:

- Step 1 In the "Assessment Year" row, enter the year when the assessment is being conducted.
- Step 2 If the assessment is being conducted as part of a general reassessment, "Revaluation" appears in the "Reason for Change" row.

 If the assessment is being conducted to change the valuation of the property for a particular reason, enter the reason for the change in the "Reason for Change" row.
- Step 3a Complete the "True Tax Value" rows (*Agricultural Property Record Card*):
 - a. In the "Res Land" row, enter the amount recorded in the "Homesite(s) Value" cell from the "Land Data and Computations" section of the property record card.
 - b. In the "Res Imp" row, enter the amount recorded in the "Total Residential Improvement Value" cell from the "Summary of Residential Improvements" section of the property record card.
 - c. Calculate the adjusted residential land and improvement values by subtracting the amount determined in sub step c from the "Res Imp" row first, and then if any shelter allowance is remaining, subtract from the "Res Land" row.
 - d. In the "Adj. Res Land" and "Adj. Res Imp" rows, enter the results from sub step d. If the shelter allowance is not applicable, carry the value determined in sub step a to the "Adj. Res Land" row, and from sub step b to the "Adj. Res Imp" row.
 - e. In the "Ag Excess Land" row, enter the amount recorded in the "92 Ag Excess Acres" cell from the "Land Data and Computations" section of the property record card.
 - f. In the "Non-Res Imp" row, enter the amount recorded in the "Total Non-Residential Improvement Value" cell from the "Summary of Non-Residential Improvements" section of the property record card.
 - g. In the "Farm/Classified Land" row, enter the amount recorded in the "Total Farmland/Classified Land Value" cell from the "Land Data and Computations" section of the property record card.
 - h. Calculate the total true tax value of the property by summing the "Adj Res Land" cell, "Adj Res Imp" cell, "Ag Excess Land" cell, "Non-Res Imp" cell, and "Farm/Classified Land cell:

- a. In the "Res Land" row, enter the amount recorded in the "Total Residential Land Value" cell from the "Land Data and Computations" section of the property record card.
- b. In the "Res Imp" row, enter the amount recorded in the "Total Residential Improvement Value" cell from the "Summary of Residential Improvements" section of the property record card.
- c. Calculate the adjusted residential land and improvement values by subtracting the amount determined in sub step c from the "Res Imp" row first.
- d. In the "Adj. Res Land" and "Adj. Res Imp" rows, enter the results from sub step d.
- e. In the "Non-Res Land" row, enter the amount recorded in the "Total Non-Residential Land Value" cell from the "Land Data and Computations" section of the property record card.
- 1. In the "Non-Res Imp" row, enter the amount recorded in the "Total Non-Residential Improvement Value" cell from the "Summary of Non-Residential Improvements" section of the property record card.
- g. Calculate the total true tax value of the property by summing the "Adj Res Land" cell, "Adj Res Imp" cell, "Non-Res Land" cell, and "Non-Res Imp" cell.

| Total True | = Adj. Res | + Adj. Res | + Non-Res | + Non-Res |
|------------|------------|------------|-----------|-----------|
| Tax Value | Land | lmp | Land | Imp |

h. Enter the total true tax value in the "Total TTV" row.

Step 4b Complete the "Assessed Value" rows. The assessed values are 100% of the true tax values.

- i. In the "Adj Res Land" row, enter the assessed value of the property's adjusted residential land.
- j. In the "Adj Res Imp" row, enter the assessed value of the property's adjusted residential improvements.
- k. In the "Non-Res Land" row, enter the assessed value of the property's non-residential land.
- I. In the "Non-Res Imp" row, enter the assessed value of the property's non-residential improvements.
- m. Calculate the total assessed value by summing the "Adj Res Land" cell, "Adj Res Imp" cell, "Non-Res Land" cell, and "Non-Res Imp" cell:

"2002 Guidelines" Chapter 3

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

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To determine the grade adjustment and to calculate the adjusted sub-total of the dwelling, perform the following steps:

- Step 1 Next to the "Grade and Design Factor" cell label on the property record card, enter the letter grade assigned to the dwelling. Information about determining the grade for a dwelling is provided in Appendix A.
- Step 2 In the "Grade and Design Factor" cell, enter the grade factor percentage corresponding to the dwelling's grade. Instructions for determining the grade factor percentage for a dwelling using Schedule F are provided in the section **Assigning Grades to Dwelling Units** in Appendix A.
- Step 3 Divide the grade factor percentage corresponding to the dwelling's grade by 100 to arrive at a multiplier.
- Step 4 Calculate the dwelling's adjusted sub-total by multiplying the amount in the "Sub-Total" cell (entered in Task 4, Step 3) by the multiplier obtained in Step 3. Enter the result in the "Adjusted Sub-Total" cell.

Task 6—Determining and Applying the Location Cost Multiplier

The cell labeled "Location Multiplier" is used to make an adjustment to the costs found in Appendix C. Due to the fact that costs are relative to location, we have included location cost multipliers, by county, to account for these differences. The table indicating the multiplier for your county and a more detailed explanation of location cost multipliers can be found in Appendix C.

- Step 1 Locate the multiplier in Table C-1 for your county.
- Step 2 Place the multiplier from Table C-1 in the "Location Multiplier" cell on the property record card.
- Step 3 Calculate the adjustment for location by multiplying the location cost multiplier by the "Adi. Sub Total" cell.
- Step 4 Place the product of Step 3 in the "Replacement Cost" cell, rounded to the nearest \$10.

Completing the Summary of Residential Improvements Section

The "Summary of Residential Improvements" section of the property record card, shown in Figure 3-12, provides space to record information about:

- the dwelling
- a detached garage (if it is the sole garage)
- improvements to the dwelling during non-reassessment years.

The addition schedule is designed to value stick-built room additions to mobile and manufactured homes during the general reassessment and to value room additions to dwellings in the interim years between general reassessment years. Room additions added to existing dwellings before March 2, 1999, must be calculated as part of the original structure and depreciated based on the age of the main structure.

- Step 7 If the improvement being valued is less than 100% complete on the assessment date, enter the percentage complete in the "% Comp" cell. Information on percentage completion can be found in Appendix C.
- Step 8 Calculate the neighborhood factor and enter the result in the "Nhbd Factor" cell. Information on neighborhood factors can be found in Appendix B.
- Step 9 The improvement value is the remainder value of the dwelling, adjusted for % complete and neighborhood factor (if necessary), rounded to the nearest \$100. Enter this amount in the "Improvement Value" column on the property record card.
- Step 10 If the property has a detached garage (secondary to an attached garage), yard structures, or other improvements to describe, follow the instructions in Chapter 5 to complete the "Summary of Non-Residential Improvements" section.
 - If the property has no other improvements to describe, sum the entries in the "Improvement Value" column and enter the total in the "Total Residential Improvement Value" cell.
- Example: The example illustrated in Figure 3-13 is a one story frame, single family dwelling with a brick front 4 feet high across the front. The dwelling contains 1,152 square feet of finished living area on the first floor with a full basement underneath. The basement has a finished area of 480 square feet that has a finished ceiling, paneled walls, and a carpeted floor. This area is not finished in the same quality as the first floor. The dwelling has central heat and air conditioning. There is a living room, kitchen, three bedrooms, one full bathroom, and a one-half bath on the main level.

Solar Heating and Cooling System Types

Table 3-13 lists the types of solar heating and cooling systems.

Table 3-13. Solar Heating and Cooling Systems

| This type | Indicates |
|-----------|--|
| Type A | A solar collection unit of thirty (30) square feet, a storage medium consisting of either a one hundred twenty (120) gallon tank for a liquid system or a storage vessel with a rock surface area of four hundred (400) square feet for an air system, and an elaborate contractor installed distribution unit that requires minimum occupant involvement on a day-to-day basis. This type of system virtually runs itself through the use of sophisticated monitoring equipment. This type of system is normally designed for and incorporated into the structure at the time of construction. |
| Туре В | A solar collection unit of twenty-five (25) square feet, a storage medium consisting of either an eighty (80) gallon tank for a liquid system or a storage vessel with a rock surface area of three hundred (300) square feet for an air system, and a contractor installed distribution unit that requires limited occupant involvement in the day-to-day operation of the system. |
| Туре С | A solar collection unit of twenty (20) square feet, a storage medium consisting of either a sixty (60) gallon tank for a liquid system or a storage vessel with a rock surface area of two hundred (200) square feet for an air system, and a contractor installed distribution unit that relies on the occupant to make internal adjustments within the system during the day-to-day operation of the system. |
| Type D | A homemade solar collection unit of less than twenty (20) square feet and a storage medium of either a forty (40) gallon tank for a liquid system or a storage vessel with a rock surface area of two hundred (200) square feet or less for an air system. The Type D system uses the structure's existing base heating and cooling system as the distribution unit for the system. The Type D distribution unit's cost included in the cost schedules reflect the additional cost incurred to hook-up the solar portion of the system to the base heating system included in the structure's calculation of replacement cost. |

Note: Data for geothermal heating and cooling systems used in commercial structures must be collected and priced in the same manner as comparable residential systems.

Pricing Geothermal Systems

The cost schedules for pricing geothermal heating and cooling systems in Appendix C are formatted by type of system, tonnage rating of the system, and whether the system maintains a separate distribution system.

The correct system pricing is obtained by selecting the geothermal system type as either horizontal closed loop, vertical closed loop, open discharge open loop, or return well open loop, selecting the system's rated tonnage size, and selecting the appropriate base rate (adjusted for location) from either the "w/ distribution" column or the "w/o distribution" column.

Depreciating Geothermal Systems

Depreciating Residential Geothermal Systems

Use the Residential Dwelling Depreciation Table for the appropriate grade found in Appendix B to adjust the replacement cost of geothermal heating and cooling systems. These depreciation tables rely on the variables of age and condition.

The age of the system will be unique for each separate system.

- Age is determined by finding the difference between the year of construction of the geothermal system and the depreciation date as defined earlier in this section.
- Condition is the same as the dwelling it serves.

Depreciating Commercial Geothermal Systems

Use Chart 3 found in Appendix F to adjust the replacement cost of a commercial geothermal heating and cooling system. This table combines age and condition to determine the normal depreciation percentage for the system. The condition ratings and age variables of the system are determined in the same manner as for general geothermal heating and cooling systems, described earlier.

"2002 Guidelines" Chapter 4

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

Completing the Summary of Residential Improvements Section

The valuation of mobile and manufactured homes is recorded in the "Summary of Residential Improvements" section of the property record card, shown in Figure 4-5, instead of in the replacement cost pricing ladder. Use the section to itemize the following structures:

- the mobile or manufactured home
- the basement
- each manufacturer-designed room addition
- each stick-built room addition, which is a room addition that is built on site by conventional means
- each exterior feature
- solar and geothermal heating and cooling systems.

Each row corresponds to one particular structure. The improvement value of all of the structures is totaled at the bottom of the table.

Note: If the property has more structures than there are rows in this section of the property record card, use an additional card (or cards) to describe those structures.

The steps for completing the property record card for mobile or manufactured home structures are grouped into the following tasks, described in the sections below:

- Task 1—Record information about the structure.
- Task 2—Determine the replacement cost for the structure.
- Task 3—Calculate the remainder value of the structure.
- Task 4—Calculate the improvement value of the structure.
- Task 5—After performing Task 1 through Task 4 for each structure, calculate the total residential improvement value for the property.

Note: Instructions for completing the "Summary of Non-Residential Improvements" section for residential and agricultural yard structures are provided in Chapter 5.

Note: Mobile/Manufactured homes are not adjusted for location by a location cost multiplier. Any other site built improvement should be adjusted for location by a location cost multiplier.

"2002 Guidelines" Chapter 5

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

To calculate the improvement value of the structure, perform these steps:

Step 1 If abnormal obsolescence depreciation applies to the structure, divide the dollar amount of abnormal obsolescence by the "Remainder Value" to get an abnormal obsolescence depreciation percentage. Enter this percentage in the "Abnorm Obs" Column of the property record card.

Note:

This column can also be utilized to make adjustments for improvements less than 100% complete. Be sure to indicate what you have done in the memorandum section.

- Step 3 Calculate the neighborhood factor and enter the result in the "Nhbd Factor" cell. Information on neighborhood factors can be found in Appendix B.
- Step 4 The improvement value is the remainder value of the improvement, adjusted for % complete, abnormal obsolescence and neighborhood factor (if necessary), rounded to the nearest \$100. Enter this amount in the "Improvement Value" column on the property record card.

Example: The remainder value of a structure is \$3,850. Assuming the structure is 100% complete, suffers no abnormal obsolescence and the neighborhood factor is 1.00, the improvement value is \$3,900.

Task 6—Calculating the Total Non-Residential Improvement Value

Calculate the improvement value for each structure by performing Task 1 through Task 5 for each structure. If you run out of rows in the "Summary of Non-Residential Improvements" section of the property record card, use an additional card (or cards).

To calculate the total non-residential improvement value for the property, perform these steps:

- Step 1 If you used **only one** property record card to complete the "Summary of Non-Residential Improvements" for the property, sum the entries in the "Improvement Value" column and enter the total in the "Total Non-Residential Improvement Value" cell.
 - If you used **more than one** property record card to complete the "Summary of Non-Residential Improvements" for the property, on each card except Card 001, sum the entries in the "Improvement Value" column and enter the total in the "Total Non-Residential Improvement Value" cell.
- Step 2 Sum the entries in the "Total Non-Residential Improvement Value" cell of all of the property record card except Card 001. Enter the total in the "Supplemental Card Non-Residential Improvement Total" cell on Card 001.
- Step 3 On Card 001, sum the entries in the "Improvement Value" column, including the entry in the "Supplemental Card Non-Residential

"2002 Guidelines" Appendix A

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

| | "AAA" Grade | "AA" Grade | "A" Grade | "B" Grade | "C" Grade | "D" Grade | "E" Grade |
|----------------------|---|---|--|--|--|--|---|
| Service | 200 amp | 200 amp | 200 amp | 100 or 200 amp | 100 amp | 60 or 100 amp | 60 amp |
| Wiring | Conduit | Conduit | Romex cable | Romex cable | Romex cable | Romex cable | Romex cable |
| Outlets | Abundant outlets that are well- positioned | Abundant outlets that are well- positioned | Abundant outlets | Abundant outlets | Adequate outlets | Adequate outlets | Few outlets |
| Fixtures | Very finest quality; custom light treatments; High value chandeliers throughout | Best quality; under counter and cabinetry lighting High value chandelier | High grade fixtures | Good grade fixtures | Average grade fixtures | Average or inexpensive fixtures | Inexpensive fixtures |
| Heating | | | | | | | |
| Equipment | Large capacity central forced air or steam; may include more than one heating plant; insulated ductwork or piping | Large capacity central forced air or steam; may include more than one heating plant; insulated ductwork or piping | Central forced air or steam | Central forced air or steam | Central forced air | Central forced air | Central forced air or space heaters |
| Thermostat | Zoned | Zoned | Zoned | Central | Central | Central | Central |
| Plumbing | | | | | | | |
| Piping | Copper or iron | Copper or iron | Copper or iron | Copper or iron | Copper, iron, or plastic | Plastic | Plastic |
| Kitchen Fixtures | Very finest quality porcelain or stainless steel; multiple sinks; very finest quality faucets | Best quality porcelain or stainless steel; multiple sinks; best quality faucets | High quality porcelain or stainless steel sink; high quality faucets | Better quality porcelain or stainless steel sink; better quality faucets | Average quality porcelain or stainless steel sink; average quality faucets | Stainless steel sink; average quality faucets | low quality pedestal sink or vanity; low quality faucets |
| Bathroom Fixtures | Very finest quality tiled shower stall; sunken tub; jacuzzi; bidet, vanities or pedestal sinks | Best quality tiled shower stall; sunken tub; jacuzzi; bidet, vanities or pedestal sinks | High quality pedestal sink or vanity; high quality faucets and fixtures | Good quality pedestal sink or vanity; good quality faucets and fixtures | Average quality vanity; average quality faucets and fixtures | Average quality vanity; average quality faucets and fixtures | Wall hung lavatory; average quality faucets and fixtures |
| Vanity Tops | Very finest quality marble, ceramic, or equal | Best quality marble, ceramic, or equal | Marble, ceramic, high quality plastic laminates | Cultured marble, ceramic, better quality plastic laminates | Cultured marble, ceramic, average quality plastic laminates | Plastic laminates | 1 |

Page 13

Version A—Real Property Assessment Guideline







"2002 Guidelines" Appendix B

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

Depreciation Estimates

In estimating the cost new of the improvements, the assessor has determined the upper limit of value the improvements will have on the valuation date. Depreciation is defined as the loss in value, from this upper limit, that the improvements on a parcel of real property suffer from a variety of causes. Those causes can be physical causes, functional causes, and external causes. These causes can operate individually or they can operate in combination with each other to cause a loss in value.

The **physical causes** refer to the wear and tear that an improvement suffers from its regular use. It may also be caused by abuse, the impact of the weather, and insect infestation such as termites. This type of loss in value is called physical deterioration.

Functional loss in value is caused by some type of inutility within the structure and materials or design that diminishes the ability of the structure to perform the function for which it was constructed and/or might be used. This type of loss in value is called functional obsolescence.

External obsolescence typically is impairment in the utility or salability of the structure due to negative influences that occur outside the property.

Depreciation may begin at the moment the structure is under construction and, in some cases though not often, a structure may suffer from substantial depreciation on the day that it is first occupied. These kinds of losses in value tend to come from poor design, poor construction, failure of the owner or contractor to consider such things as sub-soil conditions, suitability of building materials, design considerations, or other similar situations.

There is probably no issue that is less understood than the application of depreciation in the valuation of a structure. We tend to hear about depreciation in a wide variety of areas including accounting, income tax, public utility regulation, and of course valuation purposes. The appropriate calculation of depreciation remains as one of the single most important parts of arriving at a fair and equitable valuation for real property taxation purposes.

Because we are using the concept of replacement cost new minus depreciation derived from the market, much of the *functional obsolescence* is taken care of. *External obsolescence* will be accounted for through the **neighborhood factor**.

The determination of depreciation must consider:

- a. The **chronological age** of the structure
- b. The effective age of the structure
- c. The **quality** of the materials, workmanship, and design used in the construction of the structure
- d. The condition rating of the structure
- e. The neighborhood factor

Each of these factors, working in concert, determines the loss of value that a structure suffers.

| Silos, masonry and steel | 20 year life expectancy |
|---|--|
| Silos, trench and bunker | 20 year life expectancy |
| Slurry tanks | 20 year life expectancy |
| Solar and Geothermal units | Residential Depreciation Schedule (by <i>Grade</i>) |
| Stables | 30 year life expectancy |
| Swimming pools and pool enclosures, in-ground | In-ground Swimming Pool Table |
| Swimming pools, above-ground | Above-ground Swimming Pool Table |
| Tennis courts | 30 year life expectancy |
| Tobacco barns | 30 year life expectancy |

Using the Swimming Pool Depreciation Tables

There are two (2) swimming pool depreciation tables. In order to use these tables you must first determine the following:

- which table to use
- the age of the swimming pool

Swimming pools that are designed and manufactured to stand alone without side support from surrounding ground are classified as above ground and are depreciated using the **Above Ground Swimming Pool Depreciation Table**. Swimming pools with the water level at or below the surrounding earth grade are depreciated using the **In-Ground Swimming Pool and Pool Enclosure Depreciation Table**.

The actual age of the swimming pool on the date of the general reassessment is to be used. Should the pool show excessive deferred maintenance for its actual age, an effective age of six (6) years less than the pool's construction age should be used to determine depreciation.

Note: Swimming pools are only depreciated during the general reassessment year; no further depreciation is to be applied until the next general reassessment.

To determine the total depreciation percentage for a swimming pool, perform the following steps:

- Step 1: In the "Age" column of the appropriate depreciation table, locate the row corresponding to the swimming pool's actual age or effective age.
- Step 2: Find the intersection of the selected row (age) and the "Depreciation" column. This number is the total depreciation percentage for the swimming pool.

Example: An in-ground swimming pool is nine (9) years old. The In-Ground Swimming Pool and Pool Enclosure Depreciation Table indicates the total depreciation percentage for the swimming pool is twenty-five percent (25%).

Note: Instructions for recording the total depreciation percentage on the property record card, converting this percentage to a multiplier, and using this multiplier to calculate the remainder value of a swimming pool are provided in the section *Task 4 - Calculating the Remainder Value* in Chapter 5.

Table B-12.—ABOVE GROUND SWIMMING POOL

DEPRECIATION TABLE

| Age | Depreciation |
|---------------------------------------|--------------|
| 1 | 8 |
| 2 | 16 |
| 3 | 24 |
| 4 | 32 |
| 5 | 40 |
| 6 | 48 |
| 7 | 56 |
| 8 | 64 |
| 9 | 72 |
| 10 | 80 |
| Over | 80-85 |
| · · · · · · · · · · · · · · · · · · · | |

Physical and functional condition may contribute to an acceleration of the pool's age.

Table B-13.—SWIMMING POOL and POOL ENCLOSURE DEPRECIATION TABLE

Price swimming pool from standard schedule and depreciate on the basis of a twenty-five (25) year life expectancy, as follows:

| Age | Depreciation |
|---------|--------------|
| 1-2 | 5 |
| 3-4 | 10 |
| 5-6 | 15 |
| 7-8 | 20 |
| 9 | 25 |
| 10 | 30 |
| 11-12 | 35 |
| 13-14 | 40 |
| 15-16 | 50 |
| 17-18 | 55 |
| 19-20 | 60 |
| 21-22 | 65 |
| 23-25 | 70 |
| Over 25 | 75-85 |
| | |

Physical and functional condition may contribute to an acceleration of the pool's age.

"2002 Guidelines" Appendix C

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

Residential Yard Improvements

Swimming Pool Enclosures

Cost represents average cost ranges per square floor of complete shell - type enclosures or buildings excluding swimming pools and aprons.

Swimming pool enclosure depreciation:

Use Swimming Pool and Pool Enclosure Depreciation Table

Type 1 Unfinished - none of the following items are finished: floor, ceiling or walls.

Type 2 Semifinished - one (1) or two (2) of the following are finished in a similar quality as the dwelling: floor, ceiling or walls.

Type 3 Finished - all of the following items: floors, ceiling and walls are finished commensurate with the quality of the dwelling.

Frame (or equal), per square foot, average quality

| Frame (or | r equai), per sq | uare toot, averag | ge quality |
|-----------|------------------|-------------------|------------|
| Area | Type - 1 | Type - 2 | Type - 3 |
| 100 | 51.50 | 64.55 | 80.50 |
| 200 | 39.00 | 48.15 | 59.40 |
| 300 | 33.60 | 41.40 | 50.95 |
| 400 | 30.40 | 37.50 | 46.20 |
| 500 | 28.25 | 34.90 | 43.05 |
| 600 | 26.80 | 33.35 | 41.35 |
| 700 | 25.65 | 32.10 | 40.05 |
| 800 | 24.70 | 31.15 | 38.95 |
| 900 | 23.95 | 30.30 | 38.10 |
| 1000 | 23.30 | 29.60 | 37.35 |
| 1200 | 22.25 | 28.50 | 36.15 |
| 1300 | 21.80 | 28.05 | 35.65 |
| 1400 | 21.45 | 27.65 | 35.20 |
| 1500 | 21.10 | 27.25 | 34.80 |
| 1600 | 20.75 | 26.95 | 34,45 |

| Brick (or equal), per square foot, average quality | | | |
|--|----------|----------|----------|
| Area | Type - 1 | Type - 2 | Type - : |
| 100 | 68.00 | 81.05 | 97.05 |
| 200 | 50.65 | 59.85 | 71.10 |

| | 100 | 00.00 | 01.00 | 07.00 |
|---|------|-------|-------|-------|
| | 200 | 50.65 | 59.85 | 71.10 |
| | 300 | 43.10 | 50.95 | 60.50 |
| | 400 | 38.65 | 45.75 | 54.45 |
| | 500 | 35.65 | 42.30 | 50.45 |
| | 600 | 33.55 | 40.10 | 48.10 |
| | 700 | 31.90 | 38.35 | 46.30 |
| | 800 | 30.55 | 36.95 | 44.80 |
| | 900 | 29.45 | 35.80 | 43.60 |
| • | 1000 | 28.50 | 34.85 | 42.55 |
| | 1200 | 27.00 | 33.25 | 40.90 |
| | 1300 | 26.40 | 32.60 | 40.20 |
| • | 1400 | 25.85 | 32.05 | 39.60 |
| | 1500 | 25.35 | 31.50 | 39.05 |
| | 1600 | 24 90 | 31.05 | 38 60 |

Adjust for quality grade from Schedule F.

Bath Houses

Per square foot

| | | | | Add |
|------|-------|-------|-------|---------|
| Area | Frame | C.B. | Brick | Heating |
| 100 | 47.20 | 47.60 | 65.85 | 1.00 |
| 200 | 35.85 | 36.30 | 49.05 | 1.00 |
| 300 | 31.30 | 31.75 | 42.05 | 1.00 |
| 400 | 28.70 | 29.15 | 38.00 | 1.00 |
| 500 | 27.00 | 27.45 | 35.30 | 1.00 |
| 600 | 25.75 | 26.20 | 33.35 | 1.00 |
| 700 | 25.00 | 25.50 | 32.20 | 1.00 |
| 800 | 24.25 | 24.70 | 30.95 | 1.00 |
| 900 | 23.60 | 24.10 | 29.95 | 1.00 |
| 1000 | 23.10 | 23.60 | 29.10 | 1.00 |
| 1100 | 22.65 | 23.15 | 28.40 | 1.00 |
| 1200 | 22.25 | 22.75 | 27.75 | 1.00 |

Price includes 1 - hose bib and shower

Deduct for no plumbing

680 590

Add per additional fixture

Adjust for quality grade from Schedule F.

Utility Sheds

Per square foot, average quality

| Area | Fr/Mtl | C.B. | Brick/Stn |
|------|--------|-------|-----------|
| 25 | 29.60 | 74.15 | 85.00 |
| 50 | 20.95 | 52.45 | 60.10 |
| 75 | 17.50 | 43.20 | 49.50 |
| 100 | 15.55 | 37.80 | 43.25 |
| 125 | 14.30 | 34.20 | 39.05 |
| 150 | 13.35 | 31.55 | 35.95 |
| 175 | 12.65 | 29.50 | 33.60 |
| 200 | 12.10 | 27.85 | 31.70 |
| 250 | 11.30 | 25.35 | 28.80 |
| 300 | 10.70 | 23.55 | 26.65 |
| 350 | 10.25 | 22.15 | 25.05 |
| 400 | 9.85 | 21.00 | 23.70 |
| 500 | 9.30 | 19.25 | 21.70 |

Adjust for quality grade from Schedule F.
Sound value range \$100 to \$800

Residential Yard Improvements

Greenhouses

Per square foot, average quality, steel/tubular framed glass Attached Lean Standing 1 End То 50 57.10 51.35 45.60 38.00 100 46.15 42.05 38.05 34.70 150 41.35 32.80 200 38.55 35.65 250 36.65 34.05 31.50 30.55 300 35.25 32.90 29.80 350 34.15 31.95 31.25 29.20 400 33.25 30.10 28.30 500 31.95 600 30.95 29.30 27.65 26.70 28 15 800 29.60

Adjust for quality grade from Schedule F.

Tennis Courts

1000

Add per value point - \$100

28.65

Typical cost per court, 60' x 120' average quality,

including fencing.

| | Type | | |
|------------------|------|-----|---------|
| | Clay | Sod | Asphalt |
| Single Court | 226 | 228 | 231 |
| Add per Multiple | 178 | 180 | 182 |

27.35

26.10

Adjust for quality grade from Schedule F.

Stables

| Per squ | Per square foot, average quality | | | |
|---------|----------------------------------|-------|-------|--|
| Area | Frame | C.B. | Brick | |
| 200 | 42.70 | 49.45 | 60.35 | |
| 300 | 37.05 | 42.55 | 51.45 | |
| 400 | 33.65 | 38.45 | 46.10 | |
| 500 | 31.35 | 35.60 | 42.50 | |
| 600 | 29.65 | 33.55 | 39.80 | |
| 700 | 28.30 | 31.90 | 37.75 | |
| 800 | 27.25 | 30.60 | 36.05 | |
| 900 | 26.35 | 29.55 | 34.70 | |
| 1000 | 25.60 | 28.65 | 33.50 | |
| 1200 | 24.40 | 27.15 | 31.60 | |
| 1400 | 23.45 | 26.05 | 30.15 | |
| 1600 | 22.70 | 25.10 | 28.95 | |
| 1800 | 22.10 | 24.35 | 27.95 | |
| 2000 | 21.55 | 23.70 | 27.15 | |
| 3000 | 19.75 | 21.50 | 24.30 | |
| 4000 | 18.70 | 20.20 | 22.65 | |
| | | | | |

Deduct for earth floor 2.80
Add for unfinished loft 4.65
Add for masonry walls 1.05

Adjust for quality grade from Schedule F.

Note: Price pole frame construction from pole barn table (Type - 3) in Schedule G.2

Residential - Type Solar Heating and Cooling Systems

INDEPENDENT SOLAR SYSTEM (COMPLETE) RATES

| Type | Liquid System | Air System |
|------|---------------|------------|
| A | 14100 | 16600 |
| В | 8700 | 10300 |
| С | 5500 | 6500 |
| D | 1400 | 1800 |

COMPONENT COSTS OF INDEPENDENT SOLAR SYSTEM

SOLAR COLLECTION UNITS

| Туре | SF | Per Unit |
|------|---------|----------|
| A | 30 | 1400 |
| В | 25 | 700 |
| С | 20 | 400 |
| D | minimal | 200 |

SOLAR STORAGE MEDIUMS

Liquid Storage

| | | Liquid Otologo | |
|------|-----|----------------|----------|
| Type | | Gallons | Per Tank |
| Α | 120 | | 400 |
| В | 80 | | 200 |
| С | 60 | | 100 |
| D | 40 | | 100 |
| | | | |

Rock Storage

| Type | Surface SF | Per Container |
|------|------------|---------------|
| Α | 400 | 2900 |
| В | 300 | 1800 |
| С | 200 | 1100 |
| D | Under 200 | 500 |

SOLAR DISTRIBUTION UNITS

(Includes the cost of pipe loops, transfer pumps, heat exchangers, air handlers, blowers, ducts, controls and control panels associated with either a liquid or air system.)

| Type | |
|--|----------|
| A | 12300 |
| В | 7800 |
| С | 5000 |
| D (integrated with existing base syste | m.) 1100 |

Farm Buildings and Structures

Barns and Sheds (continued)

| (3)-Pole Framed General Purpose Buildings | | | | | | | | | |
|--|-------------|-----------|------------|---------|----------|--------|-------|------|-------|
| | | All W | | All W | | 1 Side | | No W | alls |
| | | | | Insul | ated | | | | |
| Size | Area | 14' | +/-2' | 14' | +/-2' | 14' | +/-2' | 14' | +/-2' |
| 60 x 100 | 6000 | 6.20 | 0.20 | 6.80 | 0.20 | 5.85 | 0.15 | 5.00 | 0.15 |
| 60 x 120 | 7200 | 6.15 | 0.20 | 6.65 | 0.20 | 5.70 | 0.15 | 4.90 | 0.15 |
| 60 x 140 | 8400 | 6.10 | 0.20 | 6.60 | 0.20 | 5.65 | 0.15 | 4.90 | 0.15 |
| 60 x 160 | 9600 | 6.00 | 0.20 | 6.50 | 0.20 | 5.55 | 0.15 | 4.90 | 0.15 |
| 60 x 180 | 10800 | 5.95 | 0.20 | 6.50 | 0.20 | 5.55 | 0.15 | 4.90 | 0.15 |
| 60 x 200 | 12000 | 5.95 | 0.20 | 6.45 | 0.20 | 5.50 | 0.15 | 4.90 | 0.15 |
| 60 x 250 | 15000 | 5.85 | 0.15 | 6.35 | 0.20 | 5.40 | 0.15 | 4.90 | 0.15 |
| 60 x 300 | 18000 | 5.80 | 0.15 | 6.30 | 0.20 | 5.35 | 0.15 | 4.85 | 0.15 |
| 80 x 40 | 3200 | 7.10 | 0.30 | 7.85 | 0.30 | 6.80 | 0.20 | 5.35 | 0.15 |
| 80 x 60 | 4800 | 6.50 | 0.20 | 7.15 | 0.30 | 6.20 | 0.20 | 5.20 | 0.15 |
| 80 x 80 | 6400 | 6.20 | 0.20 | 6.80 | 0.20 | 5.95 | 0.15 | 5.05 | 0.15 |
| 80 x 100 | 8000 | 6.10 | 0.20 | 6.65 | 0.20 | 5.80 | 0.15 | 5.05 | 0.15 |
| 80 x 120 | 9600 | 5.95 | 0.20 | 6.50 | 0.20 | 5.65 | 0.15 | 5.00 | 0.15 |
| 80 x 140 | 11200 | 5.85 | 0.15 | 6.45 | 0.20 | 5.55 | 0.15 | 5.00 | 0.15 |
| 80 x 160 | 12800 | 5.80 | 0.15 | 6.35 | 0.20 | 5.50 | 0.15 | 5.00 | 0.15 |
| 80 x 180 | 14400 | 5.80 | 0.15 | 6.30 | 0.20 | 5.50 | 0.15 | 4.90 | 0.15 |
| 80 x 200 | 16000 | 5.70 | 0.15 | 6.20 | 0.15 | 5.40 | 0.15 | 4.90 | 0.15 |
| 80 x 250 | 20000 | 5.65 | 0.15 | 6.15 | 0.15 | 5.35 | 0.15 | 4.90 | 0.15 |
| 80 x 300 | 24000 | 5.65 | 0.15 | 6.15 | 0.15 | 5.35 | 0.15 | 4.90 | 0.15 |
| 80 x 350 | 28000 | 5.55 | 0.15 | 6.10 | 0.15 | 5.25 | 0.15 | 4.90 | 0.15 |
| _80 x 400 | 32000 | 5.50 | 0.15 | 6.00 | 0.15 | 5.20 | 0.15 | 4.85 | 0.15 |
| 100 x 40 | 4000 | 7.10 | 0.30 | 7.85 | 0.30 | 6.80 | 0.20 | 5.40 | 0.15 |
| 100 x 60 | 6000 | 6.45 | 0.20 | 7.10 | 0.20 | 6.20 | 0.20 | 5.25 | 0.15 |
| 100 x 80 | 8000 | 6.15 | 0.20 | 6.75 | 0.20 | 5.95 | 0.15 | 5.10 | 0.15 |
| 100 x 100 | 10000 | 6.00 | 0.15 | 6.60 | 0.20 | 5.80 | 0.15 | 5.05 | 0.15 |
| 100 x 120 | 12000 | 5.85 | 0.15 | 6.45 | 0.15 | 5.65 | 0.15 | 5.05 | 0.15 |
| _100 x 140 | 14000 | 5.80 | 0.15 | 6.30 | 0.15 | 5.55 | 0.15 | 5.00 | 0.15 |
| 100 x 160 | 16000 | 5.70 | 0.15 | 6.20 | 0.15 | 5.50 | 0.15 | 5.00 | 0.15 |
| 100 x 180 | 18000 | 5.70 | 0.15 | 6.15 | 0.15 | 5.40 | 0.15 | 5.00 | 0.15 |
| 100 x 200 | 20000 | 5.65 | 0.15 | 6.15 | 0.15 | 5.40 | 0.15 | 5.00 | 0.15 |
| 100 x 250 | 25000 | 5.55 | 0.15 | 6.10 | 0.15 | 5.35 | 0.15 | 4.90 | 0.15 |
| 100 x 300 | 30000 | 5.50 | 0.15 | 6.00 | 0.15 | 5.25 | 0.15 | 4.90 | 0.15 |
| 100 x 350 | 35000 | 5.50 | 0.15 | 5.95 | 0.15 | 5.25 | 0.15 | 4.90 | 0.15 |
| 100 x 400 | 40000 | 5.40 | 0.15 | 5.85 | 0.15 | 5.20 | 0.05 | 4.85 | 0.15 |
| Included for | • | ot prese | nt): | | | | | | |
| Stalls & othe | r teatures | | | | | | | | |
| Loft floor | | | | | | | | | |
| Plumbing | | 0.20 | | 0.20 | | 0.20 | | 0.20 | |
| Lighting | | | | | | | | 2.00 | |
| Concrete floor 2.00 2.00 2.00 Roof Insulation 0.35 | | | | | | 2.00 | | | |
| Roof Insulati | | | | 0.55 | <u> </u> | | | 3.95 | |
| Add for interior finish - shop type (Interior liner, heat, insulation, & up-graded lighting) | | | | | | | 0.00 | | |
| | | | | | | | 15.05 | | |
| Add for interior finish office area (Wall and ceiling finish, minimal ptns and floor covering) | | | | | | | 15.55 | | |
| (wall and ceiling finish, minimal pins and floor covering) Add for milk parlor & milk houses-Type-3 | | | | | | | 6.95 | | |
| Add for woo | | ik iloube | a-Type- | • | | | | 3.50 | |
| Add for wool | | hin area |) for wo | nd hine | | | | 7.05 | |
| Add for stab | • | |) 101 1401 | ou piis | | | | 2.10 | |
| | Earth floor | | | | | | | 2.00 | |
| Deduct 101 | Laturilloui | | | | | | | 2.00 | |

Adjust for quality grade from Schedule F

| Bams and S | _ | | |
|-------------|------------|----|------|
| Sound Value | Guidelines | | - |
| Type-1 | \$500 | to | 6200 |
| Type-2 | \$400 | to | 5600 |
| Type-3 | \$100 | to | 5900 |

Interpolation Procedures - Type 3 Barns

- 1. Select the model width and length closest to the subject.
- Select (or calculate) the square foot rate applicable to each of the two (2) areas immediately smaller than and larger than the subject.
- Calculate the difference in the whole dollar value applicable to each of the areas selected in step #2.
- 4. Divide the result from step #3 by the difference in the areas used in step #2.
- 5. Apply the rate arrived at in step #4 to the difference in the area of the subject and the smaller area of the two (2) used in step #2.
- Add the result from step #5 to the whole dollar value calculated for the smaller area in step #3 and round the result to the nearest ten dollars (\$10.00).
- Note: For areas larger than those included in the table, calculate the additive value by following the same procedure (steps #1 to #6) for the two (2) largest representative areas provided.

Chicken, Duck, Turkey Barns

(Typically associated with floor type operations.)

| Per square foot, | | | average | quality, 1 | 2' eaves l | neight |
|------------------|------|------|---------|------------|------------|--------|
| | Area | Rate | +/-2 | Area | Rate | +/-2 |
| | 2000 | 8.05 | 0.45 | 7000 | 5.65 | 0.30 |
| | 2400 | 7.60 | 0.45 | 8000 | 5.40 | 0.30 |
| | 2800 | 7.25 | 0.35 | 9000 | 5.25 | 0.20 |
| | 3200 | 6.95 | 0.35 | 10000 | 5.10 | 0.20 |
| | 3600 | 6.75 | 0.35 | 12000 | 5.00 | 0.20 |
| | 4000 | 6.50 | 0.35 | 14000 | 4.85 | 0.20 |
| | 4400 | 6.35 | 0.30 | 16000 | 4.70 | 0.20 |
| | 4800 | 6.20 | 0.30 | 18000 | 4.55 | 0.20 |
| | 5200 | 6.10 | 0.30 | 20000 | 4.45 | 0.20 |
| | 5600 | 5.95 | 0.30 | 22000 | 4.40 | 0.20 |
| | 6000 | 5.85 | 0.30 | 24000 | 4.30 | 0.15 |

Prices are for metal clad, wood or light metal framed buildings with earth floor, minimal lighting and mechanically operated ventilator upper side walls.

| Add for lighting | 0.20 |
|-------------------------|------|
| Add for plumbing | 0.20 |
| Add for concrete floor | 2.00 |
| Add for roof insulation | 0.35 |
| Add for loft floor | 3.50 |

Adjust for quality grade from Schedule F

Farm Buildings and Structures

Hog Confinement Facilities

Per square foot, average quality, based on 8' eaves height

| Per square toot, | Wood Frame | Pole Frame | Add for | Add for | |
|--------------------|--------------------|--------------|---------------|---------|--|
| Area | Wood Siding | Metal Siding | Slatted Floor | Pits | |
| 600 | 17.35 | 14.50 | 3.65 | 3.20 | |
| 700 | 16.85 | 14.15 | 3.65 | 3.15 | |
| 800 | 16.40 | 13.85 | 3.45 | 3.05 | |
| 900 | 16.05 | 13.60 | 3.30 | 2.85 | |
| 1000 | 15.75 | 13.40 | 3.15 | 2.70 | |
| 1200 | 15.25 | 13.10 | 3.15 | 2.55 | |
| 1400 | 14.85 | 12.80 | 3.05 | 2.55 | |
| 1600 | 14.50 | 12.60 | 3.00 | 2.55 | |
| 1800 | 14.20 | 12.45 | 2.85 | 2.40 | |
| 2000 | 14.00 | 12.30 | 2.80 | 2.40 | |
| 2200 | 13.85 | 12.15 | 2.70 | 2.35 | |
| 2400 | 13.60 | 12.10 | 2.70 | 2.20 | |
| 2600 | 13.45 | 12.00 | 2.65 | 2.20 | |
| 2800 | 13.30 | 11.85 | 2.65 | 2.10 | |
| 3000 | 13.25 | 11.80 | 2.55 | 2.10 | |
| 3500 | 12.95 | 11.65 | 2.55 | 2.10 | |
| 4000 | 12.75 | 11.50 | 2.50 | 2.10 | |
| 4500 | 12.60 | 11.40 | 2.40 | 2.05 | |
| 5000 | 12.45 | 11.25 | 2.40 | 2.00 | |
| 5500 | 12.30 | 11.20 | 2.40 | 2.00 | |
| 6000 | 12.15 | 11.15 | 2.35 | 1.90 | |
| 7000 | 12.00 | 11.05 | 2.20 | 1.90 | |
| 7500 | 11.95 | 11.00 | 2.20 | 1.90 | |
| 8000 | 11.85 | 11.00 | 2.20 | 1.85 | |
| 9000 | 11.70 | 10.85 | 2.10 | 1.85 | |
| 10000 | 11.55 | 10.85 | 2.10 | 1.85 | |
| 11000 | 11,50 | 10.75 | 2.10 | 1.85 | |
| 12000 | 11.40 | 10.70 | 2.10 | 1.85 | |
| 13000 | 11.35 | 10.60 | 2.10 | 1.75 | |
| 14000 | 11.25 | 10.60 | 2.10 | 1.75 | |
| 15000 | 11.20 | 10.55 | 2.10 | 1.75 | |
| 16000 | 11.20 | 10.55 | 2.10 | 1.75 | |
| 17000 | 11.15 | 10.55 | 2.10 | 1.75 | |
| 18000 | 11.05 | 10.45 | 2.05 | 1.70 | |
| 19000 | 11.05 | 10.45 | 2.05 | 1.70 | |
| 20000 | 11.00 | 10.45 | 2.05 | 1.70 | |
| & Over | 10.90 | 10.40 | 2.00 | 1.60 | |
| Included for (dec | luct if not presen | t): | _ | | |
| Plumbing | | | 0.45 | | |
| Lighting | | | 0.65 | | |
| Concrete floor | | | 2.00 | | |
| Insulation 0.35 | | | | | |
| Walls per LF | | | | | |
| Wood siding, wo | | | 38.85 | | |
| Metal siding, pol- | e frame | | 23.40 | | |
| | | | | | |

Use the twenty (20) year depreciation schedule.

NOTE: When adding for pits and slatted floors, the concrete floor price included in the base building becomes the

concrete floor price in the pit area.

Veal Confinement Facilities

Price per square foot

| Area | Cost | Area | Cost |
|------|-------|--------|-------|
| 500 | 20.00 | 9500 | 13.85 |
| 600 | 18.90 | 10000 | 13.85 |
| 700 | 18.15 | 11000 | 13.85 |
| 800 | 17.55 | 12000 | 13.75 |
| 900 | 17.05 | 13000 | 13.75 |
| 1000 | 16.75 | 14000 | 13.75 |
| 1500 | 15.65 | 15000 | 13.75 |
| 2000 | 15.15 | 16000_ | 13.70 |
| 2500 | 14.85 | 17000 | 13.70 |
| 3000 | 14.55 | 18000 | 13.70 |
| 3500 | 14.40 | 19000 | 13.70 |
| 4000 | 14.35 | 20000 | 13.70 |
| 4500 | 14.25 | 21000 | 13.70 |
| 5000 | 14.20 | 22000 | 13.70 |
| 5500 | 14.15 | 23000 | 13.70 |
| 6000 | 14.15 | 24000 | 13.70 |
| 6500 | 14.05 | 25000 | 13.70 |
| 7000 | 14.05 | 26000 | 13.60 |
| 7500 | 13.90 | 27000 | 13.60 |
| 8000 | 13.90 | 28000 | 13.60 |
| 8500 | 13.90 | 29000 | 13.60 |
| 9000 | 13.85 | 30000 | 13.55 |

Included for (deduct if not present):
Plumbing 0.80
Lighting 0.65
Concrete floor 1.85
Insulation 0.75

Poultry Confinement Buildings

(Typically associated with cage type operations.)

Per square foot

| | Wood Siding | Metal Siding |
|-------|--|--|
| Area | Wood Frame | Wood Frame or Pole |
| 8000 | 12.75 | 11.80 |
| 12000 | 12.60 | 11.70 |
| 16000 | 12.50 | 11.70 |
| 20000 | 12.45 | 11.65 |
| 16000 | 10.90 | 10.30 |
| 24000 | 10.85 | 10.30 |
| 32000 | 10.85 | 10.30 |
| 40000 | 10.75 | 10.25 |
| 24000 | 10.30 | 9.80 |
| 36000 | 10.30 | 9.80 |
| 48000 | 10.25 | 9.80 |
| 60000 | 10.20 | 9.75 |
| | 8000 12000 16000 20000 16000 24000 32000 40000 24000 36000 48000 | Area Wood Frame 8000 12.75 12000 12.60 16000 12.50 20000 12.45 16000 10.90 24000 10.85 32000 10.85 40000 10.75 24000 10.30 36000 10.30 48000 10.25 |

Included for (deduct if not present):
Insulation --Concrete floor 1.85
Plumbing 0.65
Electricity 0.65

Electricity
Factor for high-rise construction:

16' to 18' eaves 120% Factor for each upper story 75%

Lean-tos

Per square foot

| | | Ave | rage height | | |
|----------------|------|------|-------------|------|------|
| | 8' | 10' | 12' | 14' | 16' |
| Concrete floor | 3.95 | 4.40 | 4.85 | 5.40 | 5.80 |
| Earth floor | 2.35 | 2.80 | 3.20 | 3.80 | 4.15 |

Farm Buildings and Structures

Frame Corn Cribs

Per square foot

FREE - STANDING TYPE

| Size | Area | Wood Slat | Weld Wire |
|--------|------|-----------|-----------|
| 6 x 24 | 144 | 13.40 | 11.50 |
| 6 x 38 | 228 | 12.95 | 11.20 |
| 6 x 52 | 312 | 12.80 | 11.15 |
| 6 x 66 | 396 | 12.75 | 11.05 |
| 6 x 80 | 480 | 12.60 | 11.00 |

| DRIVE - | THRU | TYPE |
|---------|------|------|
|---------|------|------|

| Size | Area | Wood Slat | Weld Wire |
|---------|------|-----------|-----------|
| 24 x 30 | 720 | 10.90 | 10.60 |
| 28 x 30 | 840 | 10.85 | 10.45 |
| 28 x 34 | 952 | 10.75 | 10.40 |
| 30 x 36 | 1080 | 10.60 | 10.30 |
| 30 x 40 | 1200 | 10.55 | 10.25 |

Add for storage bins over crib

 Wood slat
 3.15

 Weld wire
 1.90

 Add for lighting
 0.65

 Sound value range
 \$ 100-\$ 700

Wire Corn Cribs

Per item

Cylindrical wire mesh cribs with concrete base, steel frame and

conical steel roof

| COMOCA SCOTTOGE | |
|---|---------|
| Per bushel (1 cubic foot = .80 bushels, or | |
| 1 bushel = 1.25 cubic feet) | 1.10 |
| Included for (deduct if not present): | |
| Concrete floor slab per sq. ft. | 1.60 |
| Roof | 220 |
| Add per square foot of surface for metal skin | 1.90 |
| Sound value range | 100-600 |
| | |

See the formula located under the grain bin schedule to calculate

the number of bushels.

Trench & Bunker Silos

Per linear foot

Primarily used for corn & grass silage, the trench type below grade and the bunker type above grade, open ends, concrete and plank floor and

side walls. (Both side walls are included in the linear foot rate).

| | Depth or Height | | | | | | | |
|----------------|-----------------|------|------|------|------|------|--|--|
| | _10' | 12' | 16' | 20' | 25' | 30' | | |
| Trench | | | | | | | | |
| Earth 30' Wide | 101 | 111 | 126 | 139 | 158 | 179 | | |
| Plank 30' Wide | 152 | 171 | 211 | 247 | 297 | 343 | | |
| +/-1" Wide | 3.30 | 3.65 | 4.10 | 4.60 | 5.25 | 6.00 | | |
| Bunker | | | - | | | | | |
| Plank 30' Wide | 126 | 142 | 186 | 218 | 291 | 338 | | |
| +/-1" Wide | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | | |

Feed Lots

| Per square foot | |
|--------------------|------|
| Canopies | 2.85 |
| Concrete flat work | 1.60 |

Slurry Tanks

IN-GROUND

| Round tanks | 1.75 | to | 2.20 cu.ft. |
|---------------------|------|----|-------------|
| Rectangular | 1.90 | to | 2.65 cu.ft. |
| Plank cover, deduct | | | 3.05 per SF |
| No cover, deduct | | | 5.65 per SF |

| ABOVE GROUND | |
|--------------|--------|
| 42 x 14 | 29000 |
| 42 x 19 | 35000 |
| 42 x 23 | 42000 |
| 62 x 14 | 42000 |
| 62 x 19 | 53000 |
| 62 x 23 | 66000 |
| 81 x 14 | 66000 |
| 81 x 19 | 81000 |
| 81 x 23 | 102000 |
| 101 x 14 | 83000 |
| 101 x 19 | 105000 |
| 101 x 23 | 116000 |

Use the twenty (20) year depreciation schedule.

Poultry Houses

Average quality, nonconfinement type

| Average quality, nonconlinem | | | | | |
|------------------------------|------|-------|-------|--|--|
| | Area | Frame | C. B. | | |
| | 240 | 15.15 | 18.45 | | |
| | 360 | 13.45 | 16.20 | | |
| | 480 | 12.50 | 14.80 | | |
| | 600 | 11.85 | 13.90 | | |
| | 800 | 11.15 | 12.90 | | |
| | 1000 | 10.60 | 12.20 | | |
| | 1200 | 10.25 | 11.70 | | |
| | 1400 | 9.95 | 11.35 | | |
| | 1600 | 9.75 | 11.05 | | |
| | 1800 | 9.60 | 10.75 | | |
| | 2000 | 9.45 | 10.55 | | |
| 2200 | | 9.30 | 10.40 | | |
| | 2400 | 9.20 | 10.25 | | |
| | 2600 | 9.10 | 10.10 | | |
| | 2800 | 9.00 | 9.95 | | |
| | 3000 | 8.95 | 9.90 | | |

Adjust for quality grade from Schedule F. Sound value range 100-1800

Butler Low Moisture Silage Silos

| 53000 |
|--------|
| 61200 |
| 100400 |
| |

Granaries

Per square foot, average quality

| | | 1 Story |
|---------|------|---------|
| Size | Area | & Loft |
| 24 x 36 | 864 | 11.25 |
| 26 x 36 | 936 | 11.00 |
| 28 x 36 | 1008 | 10.65 |
| 28 x 40 | 1120 | 10.45 |
| 30 x 40 | 1200 | 10.30 |
| 36 x 40 | 1440 | 10.00 |

Add for storage bins 2.05
Adjust for quality grade from Schedule F
Sound value range 100-900

Farm Buildings and Structures

Silos (continued)

Per item, typical costs including floor slabs & foundation

| Diameter | iameter Concrete | | | Masonry | | | Steel | | |
|---------------|------------------|--------|-----|-----------|--------|-----|---------|-------------|--|
| & Height | Stave | Reinf | | Tile/C.B. | Brick | | Unlined | Glass Lined | |
| 36' x 60' | 31,500 | 42,300 | | 35,300 | 48,200 | | 45,500 | 61,600 | |
| 36' x 70' | 36,000 | 46,800 | | 39,200 | 53,900 | | 50,700 | 71,200 | |
| 36' x 80' | 38,400 | 51,800 | | 42,900 | 59,900 | | 55,800 | 81,700 | |
| 36' x 90' | 41,400 | 56,800 | | 46,600 | 65,900 | | 60,900 | 92,200 | |
| 36' x 100' | 44,500 | 61,800 | | 50,200 | 71,900 | | 66,000 | 102,800 | |
| Deduct for no | roof | | | • | | | | | |
| 12' | 900 | | 18' | 1,900 | | 28' | 3,500 | | |
| 14' | 1,200 | | 20' | 2,300 | | 30' | 4,100 | | |
| 16' | 1.500 | | 24' | 2,900 | | 36' | 4,700 | | |

Sound value range is \$ 100- \$ 5000

Steel Grain Bins

Per item, installed

| Size Capacity Cost Dia. x Hgt. (Bushels) Cost Dia. x Hgt. D | Per item, inst | alled | | | | | | | |
|--|----------------|-----------|--------|-------------|-----------|--------|----------------------|-----------|---------|
| 15 × 74 | Size | Capacity | | Size | Capacity | | Size | Capacity | |
| 15 x 110" 1,555 3,300 27' x 40'4" 18,470 22,700 60' x 18'4" 41,460 36,600 15 x 18'4" 2,070 4,900 27' x 47'8" 21,830 27,800 60' x 25'8" 58,040 51,500 15 x 18'4" 2,590 4,900 30' x 18'4" 8,290 10,200 60' x 33'0" 74,640 66,300 18' x 18'4" 2,985 4,900 30' x 22'0" 12,440 13,400 60' x 47'8" 107,805 98,700 18' x 18'4" 3,730 6,000 30' x 22'0" 12,440 13,400 60' x 47'8" 107,805 98,700 18' x 22'0" 4,480 7,200 30' x 33'0" 18,660 21,600 60' x 56'0" 124,345 106,700 18' x 22'8" 5,225 8,400 30' x 40'4" 22,805 24,100 60' x 77'0" 174,080 143,290 18' x 40'4" 8,210 14,600 36' x 18'4" 14,925 15,700 72' x 40'4" 131,295 112,700 18' x 47'8" 9,705< | Dia. x Hgt. | (Bushels) | Cost | Dia. x Hgt. | (Bushels) | Cost | Dia. x Hgt. | (Bushels) | - |
| 15 x 14'8" 2,070 | 15' x 7'4" | 1,035 | 2,800 | 27' x 33'0" | 15,115 | 19,700 | 48' x 58'8" | 84,920 | |
| 15 × 184* 2,590 4,900 30 × 14*8* 8,290 10,200 60 × 33°0* 74,640 66,300 18 × 110° 2,240 4,500 30 × 18*4* 10,365 11,700 60 × 40*4* 91,225 81,000 18 × 18** 2,985 4,900 30 × 22*0* 12,440 13,400 60 × 47*8* 107,805 98,700 18 × 22°* 4,480 7,200 30 × 25*6* 14,515 15,700 60 × 66°0* 149,215 125,000 18 × 22°* 4,480 7,200 30 × 33°* 18,660 21,600 60 × 66°0* 149,215 125,000 18 × 25°* 5,225 8,400 30 × 40*4* 22,805 24,100 60 × 77°0* 174,080 143,900 18 × 33°* 6,720 12,700 30 × 47*8* 11,935 13,400 72 × 40*4* 131,295 112,700 18 × 478* 9,705 17,200 36 × 18*4* 14,925 15,700 72 × 47*8* 155,190 130,000 21' × 11°* 3,050 5,700 <td>15' x 11'0"</td> <td>1,555</td> <td>3,300</td> <td>27' x 40'4"</td> <td>18,470</td> <td>22,700</td> <td>60' x 18'4"</td> <td>41,460</td> <td>36,600</td> | 15' x 11'0" | 1,555 | 3,300 | 27' x 40'4" | 18,470 | 22,700 | 60' x 18'4" | 41,460 | 36,600 |
| 18" x 110" 2,240 4,500 30" x 18"4" 10,365 11,700 60" x 40"4" 91,225 81,000 18" x 18" 2,985 4,900 30" x 22"0" 12,440 13,400 60" x 47"8" 107,805 98,700 18" x 18" 3,730 6,000 30" x 25"8" 14,515 15,700 60" x 55"0" 124,345 106,700 18" x 25"8" 5,225 8,400 30" x 40"4" 22,805 24,100 60" x 77"0" 174,080 143,900 18" x 25"8" 5,225 8,400 30" x 47"8" 26,955 30,400 72" x 33"0" 107,435 95,600 18" x 40"* 8,210 14,600 36" x 18"4" 11,935 13,400 72" x 40"4" 131,295 112,700 18" x 47"8" 9,705 17,200 36" x 18"4" 14,925 15,700 72" x 47"6" 155,190 130,000 21" x 110" 3,050 5,700 36" x 25"8" 20,895 20,600 72" x 66"0" 214,865 173,100 21" x 18"4" 5,170 7,500 36" x 25"8" 20,895 20,600 72" x 60"0" 1 | 15' x 14'8" | 2,070 | 4,300 | 27' x 47'8" | 21,830 | 27,800 | 60' x 25'8" | 58,040 | |
| 18 x 148" 2,985 4,900 30' x 22'0" 12,440 13,400 60' x 47'8" 107,805 98,700 18' x 18'4" 3,730 6,000 30' x 25'8" 14,515 15,700 60' x 55'0" 124,345 106,700 18' x 22'0" 4,480 7,200 30' x 33'0" 18,660 21,600 60' x 66'0" 149,215 125,000 18' x 22'0" 5,225 8,400 30' x 40'4" 22,805 24,100 60' x 77'0" 174,080 143,900 18' x 33'0" 6,720 12,700 30' x 47'8" 26,955 30,400 72' x 40'4" 131,295 112,700 18' x 40'4" 8,210 14,600 36' x 14'8" 11,935 13,400 72' x 40'4" 131,295 112,700 18' x 47'8" 9,705 17,200 36' x 14'8" 14,925 15,700 72 x 47'8" 155,190 179,055 148,100 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 66'0" 214,865 173,100 <td< td=""><td>15' x 18'4"</td><td>2,590</td><td>4,900</td><td>30' x 14'8"</td><td>8,290</td><td>10,200</td><td>60' x 33'0"</td><td>74,640</td><td>•</td></td<> | 15' x 18'4" | 2,590 | 4,900 | 30' x 14'8" | 8,290 | 10,200 | 60' x 33'0" | 74,640 | • |
| 18 x 18 | 18' x 11'0" | 2,240 | 4,500 | 30' x 18'4" | 10,365 | 11,700 | 60' x 40'4" | 91,225 | |
| 18" x 22"0" 4,480 7,200 30" x 33"0" 18,660 21,600 60" x 66"0" 149,215 125,000 18" x 25"8" 5,225 8,400 30" x 40"4" 22,805 24,100 60" x 77"0" 174,080 143,900 18" x 33"0" 6,720 12,700 30" x 47"8" 26,955 30,400 72" x 33"0" 107,435 95,600 18" x 47"8" 9,705 17,200 36" x 18"4" 11,935 13,400 72" x 40"4" 131,295 112,700 18" x 47"8" 9,705 17,200 36" x 18"4" 14,925 15,700 72" x 45"5" 155,190 130,000 21" x 11"0" 3,050 5,700 36" x 25"6" 20,895 20,600 72" x 66"0" 214,865 173,100 21" x 18"4" 5,170 7,500 36" x 33"0" 26,870 30,400 72" x 77"0" 250,680 196,600 21" x 22"0" 6,095 9,400 36" x 47"8" 38,815 39,800 75" x 47"8" 165,790 116,575 100,100 21" x 33"0" 9,145 14,700 36" x 58"8" 47,770 48,800 | 18' x 14'8" | 2,985 | 4,900 | 30' x 22'0" | 12,440 | 13,400 | 60' x 47'8" | 107,805 | 98,700 |
| 18' x 25'8" 5,225 | 18' x 18'4" | 3,730 | 6,000 | 30' x 25'8" | 14,515 | 15,700 | 60' x 55'0" | 124,345 | |
| 18 x 330" 6,720 12,700 30' x 47'8" 26,955 30,400 72' x 330" 107,435 95,600 18 x 40'4" 8,210 14,600 36' x 14'8" 11,935 13,400 72' x 40'4" 131,295 112,700 18' x 47'8" 9,705 17,200 36' x 18'4" 14,925 15,700 72 x 47'8" 155,190 130,000 21' x 110" 3,050 5,700 36' x 22'0" 17,915 18,200 72' x 55'0" 179,055 148,100 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 66'0" 214,865 173,100 21' x 18'4" 5,170 7,500 36' x 33'0" 26,870 30,400 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 47'8" 168,395 139,200 21' x 40'4" < | 18' x 22'0" | 4,480 | 7,200 | 30' x 33'0" | 18,660 | 21,600 | 60' x 66'0" | 149,215 | 125,000 |
| 18 x 40'4" 8,210 14,600 36' x 14'8" 11,935 13,400 72' x 40'4" 131,295 112,700 18 x 47'8" 9,705 17,200 36' x 18'4" 14,925 15,700 72 x 47'8" 155,190 130,000 21' x 11'0" 3,050 5,700 36' x 22'0" 17,915 18,200 72' x 55'0" 179,055 148,100 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 77'0" 250,680 173,100 21' x 18'4" 5,170 7,500 36' x 25'8" 20,895 20,600 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 40'4" 32,840 33,600 75' x 33'0" 116,575 100,100 21' x 22'0" 6,095 9,400 36' x 58'8" 47,770 48,800 75' x 40'4" 142,465 119,300 21' x 25'8" 7,110 10,200 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 47'8" | 18' x 25'8" | 5,225 | 8,400 | 30' x 40'4" | 22,805 | 24,100 | 60' x 77'0" | 174,080 | |
| 18 x 478" 9,705 17,200 36' x 18'4" 14,925 15,700 72 x 47'8" 155,190 130,000 21' x 11'0" 3,050 5,700 36' x 22'0" 17,915 18,200 72' x 55'0" 179,055 148,100 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 66'0" 214,865 173,100 21' x 18'4" 5,170 7,500 36' x 33'0" 26,870 30,400 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 47'8" 38,815 39,800 75' x 33'0" 116,575 100,100 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 47'8" 13,205 21,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 24' x 14'8" | 18' x 33'0" | 6,720 | 12,700 | 30' x 47'8" | 26,955 | 30,400 | 72' x 33'0" | 107,435 | • |
| 21' x 11'0" 3,050 5,700 36' x 22'0" 17,915 18,200 72' x 55'0" 179,055 148,100 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 66'0" 214,865 173,100 21' x 18'4" 5,170 7,500 36' x 33'0" 26,870 30,400 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 40'4" 32,840 33,600 75' x 33'0" 116,675 100,100 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'8" | 18' x 40'4" | 8,210 | 14,600 | 36' x 14'8" | 11,935 | 13,400 | 72' x 40'4" | 131,295 | 112,700 |
| 21' x 14'8" 4,060 6,500 36' x 25'8" 20,895 20,600 72' x 66'0" 214,865 173,100 21' x 18'4" 5,170 7,500 36' x 33'0" 26,870 30,400 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 40'4" 32,840 33,600 75' x 33'0" 116,575 100,100 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 18'4" | 18' x 47'8" | 9,705 | 17,200 | 36' x 18'4" | 14,925 | 15,700 | 72 x 47'8" | 155,190 | 130,000 |
| 21' x 18'4" 5,170 7,500 36' x 33'0" 26,870 30,400 72' x 77'0" 250,680 196,600 21' x 22'0" 6,095 9,400 36' x 40'4" 32,840 33,600 75' x 33'0" 116,575 100,100 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 14'8" 3,980 6,900 42' x 25'8" 28,445 28,400 76' x 77'0" 272,005 213,400 24' x 18'4" 6,635 9,000 42' x 25'8" 28,445 28,400 78' x 40'4" 154,090 129,000 24' x 22'0" | 21' x 11'0" | 3,050 | 5,700 | 36' x 22'0" | 17,915 | 18,200 | 72' x 55'0" | 179,055 | 148,100 |
| 21' x 22'0" 6,095 9,400 36' x 40'4" 32,840 33,600 75' x 33'0" 116,575 100,100 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 77'0" 272,005 213,400 24' x 11'0" 3,980 6,900 42' x 25'8" 28,445 28,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 76' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 25'8" | 21' x 14'8" | 4,060 | 6,500 | 36' x 25'8" | 20,895 | 20,600 | 72' x 66'0" | 214,865 | |
| 21' x 25'8" 7,110 10,200 36' x 47'8" 38,815 39,800 75' x 40'4" 142,465 119,300 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 58'8" 65,020 64,900 78' x 66'0" | 21' x 18'4" | 5,170 | 7,500 | 36' x 33'0" | 26,870 | 30,400 | 72' x 77'0" | 250,680 | |
| 21' x 33'0" 9,145 14,700 36' x 58'8" 47,770 48,800 75' x 47'8" 168,395 139,200 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" | 21' x 22'0" | 6,095 | 9,400 | 36' x 40'4" | 32,840 | 33,600 | 75' x 33'0" | 116,575 | • |
| 21' x 40'4" 11,175 16,200 42' x 14'8" 16,255 17,700 75' x 55'0" 194,290 156,600 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 47'8" <td>21' x 25'8"</td> <td>7,110</td> <td>10,200</td> <td>36' x 47'8"</td> <td>38,815</td> <td>39,800</td> <td>75' x 40'4"</td> <td>142,465</td> <td>119,300</td> | 21' x 25'8" | 7,110 | 10,200 | 36' x 47'8" | 38,815 | 39,800 | 75' x 40'4" | 142,465 | 119,300 |
| 21' x 47'8" 13,205 21,200 42' x 18'4" 20,320 20,900 75' x 66'0" 233,145 182,900 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33' | 21' x 33'0" | 9,145 | 14,700 | 36' x 58'8" | 47,770 | 48,800 | 75' x 47'8" | 168,395 | 139,200 |
| 24' x 11'0" 3,980 6,900 42' x 22'0" 24,385 24,400 75' x 77'0" 272,005 213,400 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" <td>21' x 40'4"</td> <td>11,175</td> <td>16,200</td> <td>42' x 14'8"</td> <td>16,255</td> <td>17,700</td> <td>75' x 55'0"</td> <td>194,290</td> <td></td> | 21' x 40'4" | 11,175 | 16,200 | 42' x 14'8" | 16,255 | 17,700 | 75' x 55'0" | 194,290 | |
| 24' x 14'8" 5,310 7,700 42' x 25'8" 28,445 28,400 78' x 33'0" 126,085 108,200 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 25'8" 37,155 36,600 90' x 40'4" 205,150 165,300 27' x 18'4" <td>21' x 47'8"</td> <td>13,205</td> <td>21,200</td> <td>42' x 18'4"</td> <td>20,320</td> <td>20,900</td> <td>75' x 66'0"</td> <td>233,145</td> <td></td> | 21' x 47'8" | 13,205 | 21,200 | 42' x 18'4" | 20,320 | 20,900 | 75' x 66'0" | 233,145 | |
| 24' x 18'4" 6,635 9,000 42' x 33'0" 36,575 39,000 78' x 40'4" 154,090 129,000 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0 | 24' x 11'0" | 3,980 | 6,900 | 42' x 22'0" | 24,385 | 24,400 | 75' x 77'0" | 272,005 | |
| 24' x 22'0" 7,960 10,900 42' x 40'4" 44,775 46,000 78' x 47'8" 182,135 150,600 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" <td>24' x 14'8"</td> <td>5,310</td> <td>7,700</td> <td>42' x 25'8"</td> <td>28,445</td> <td>28,400</td> <td>78' x 33'0"</td> <td>126,085</td> <td></td> | 24' x 14'8" | 5,310 | 7,700 | 42' x 25'8" | 28,445 | 28,400 | 78' x 33'0" | 126,085 | |
| 24' x 25'8" 9,290 12,400 42' x 47'8" 52,980 52,900 78' x 55'0" 210,140 169,300 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 18'4" | 6,635 | 9,000 | 42' x 33'0" | 36,575 | 39,000 | 78' x 40'4" | 154,090 | 129,000 |
| 24' x 33'0" 11,945 15,200 42' x 58'8" 65,020 64,900 78' x 66'0" 252,170 197,800 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 22'0" | 7,960 | 10,900 | 42' x 40'4" | 44,775 | 46,000 | 78' x 47'8" | 182,135 | 150,600 |
| 24' x 40'4" 14,595 18,100 48' x 14'8" 21,225 23,400 78' x 77'0" 294,200 224,500 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 25'8" | 9,290 | 12,400 | 42' x 47'8" | 52,980 | 52,900 | 78' x 55'0" | 210,140 | • |
| 24' x 47'8" 17,250 21,200 48' x 18'4" 26,535 27,900 90' x 33'0" 167,865 138,800 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 33'0" | 11,945 | 15,200 | 42' x 58'8" | 65,020 | 64,900 | 78' x 66'0" | 252,170 | 197,800 |
| 27' x 11'0" 5,040 7,500 48' x 22'0" 31,850 33,600 90' x 40'4" 205,150 165,300 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 40'4" | 14,595 | 18,100 | 48' x 14'8" | 21,225 | 23,400 | 78' x 77'0" | 294,200 | |
| 27' x 14'8" 6,715 8,700 48' x 25'8" 37,155 36,600 90' x 47'8" 242,490 190,200 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 24' x 47'8" | 17,250 | 21,200 | 48' x 18'4" | 26,535 | 27,900 | 90' x 33'0" | 167,865 | 138,800 |
| 27' x 18'4" 8,395 10,400 48' x 33'0" 47,770 47,200 90' x 55'0" 279,775 213,500 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 27' x 11'0" | 5,040 | 7,500 | 48' x 22'0" | 31,850 | 33,600 | 90' x 40'4" | 205,150 | |
| 27' x 22'0" 10,075 11,700 48' x 40'4" 58,385 55,900 90' x 66'0" 335,730 256,200 | 27' x 14'8" | 6,715 | 8,700 | 48' x 25'8" | 37,155 | 36,600 | 90' x 47'8" | 242,490 | |
| | 27' x 18'4" | 8,395 | 10,400 | 48' x 33'0" | 47,770 | 47,200 | 90' x 55'0" | 279,775 | |
| 27' x 25'8" 11,755 13,400 48' x 47'8" 68,995 65,900 90' x 77'0" 391,685 298,900 | 27' x 22'0" | 10,075 | 11,700 | | 58,385 | 55,900 | 90' x 66'0" | 335,730 | |
| | 27' x 25'8" | 11,755 | 13,400 | 48' x 47'8" | 68,995 | 65,900 | 90' x 77 ' 0" | 391,685 | 298,900 |

Use the twenty (20) year depreciation schedule.

To calculate the volume of a cylindrical bin:

- 1. Find the area of the circular base (3.1415) x R x R (R=radius)
- Multiply the area of the base times the height of the storage bin.
 This results in the cubic feet or volume of storage contained by that particular storage bin.
- You can convert the cubic feet of storage into the number of bushels by multiplying the cubic feet or volume of storage by .80 (3.1415) x R x R x H x .80=Number of Bushels

"2002 Guidelines" Appendix F

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

GRAIN ELEVATOR DEPRECIATION CONSIDERATIONS

Grain elevators are special purpose structures and, with very few exceptions are rarely convertible into other uses. Therefore, the assessor must carefully estimate all forms of depreciation correctly. Table F-4 allows the assessor to determine the physical deterioration and normal obsolescence suffered by the grain elevator but does not account for abnormal obsolescence caused by such factors as excess storage capacity, lack of transportation facilities (major highways, railroads, or waterways), nor other types of inutilities caused by changes in the agricultural economy.

Besides the normal depreciation from Table F-4, the assessor must also determine the amount of abnormal obsolescence caused by factors such as these. The determination of the amount of abnormal obsolescence requires a comparative analysis of current operating data and the total licensed capacity. For example, a grain elevator has a total licensed capacity of 300,000 bushels. Over the last five years of operation, the elevator has stored an average of 240,000 bushels. Therefore it is suffering from abnormal functional obsolescence because, in the current market, it has 60,000 bushels of excess capacity.

The assessor should value the grain elevator by first calculating the replacement cost new of the structure. Taking the average number of bushels stored for the most recent five years and multiplying by the unit costs given in this manual accomplishes this. Replacement cost is preferred as opposed to reproduction cost because replacement cost estimates the cost of a physical structure with similar utility. This estimate of cost should be closely aligned with value-in-use. As discussed under <u>Concepts of Cost</u> in the *Introduction* to this manual, "Replacement cost eliminates the cost of obsolete materials, design, and building techniques. In so doing, most forms of functional obsolescence have been "cured" and do not have to be accounted for in the depreciation estimate." The assessor should then follow the steps outlined in this appendix for determining the normal depreciation and apply this depreciation percentage to the replacement cost new estimate.

The amount of abnormal obsolescence should be reviewed annually and adjusted if necessary.

"2002 Guidelines" Appendix G

Directions: Please <u>insert</u> the following amended pages. Please <u>remove</u> the pages that are designated *remove* in the "Table of Page Changes".

| | | · | | | | | | | E:- | 2 e Resis | 40.04 | | | | | 1 Wood | 3 Rein | 4 F F |
|-----------|------------|-------------------------|------------|------------|----------|-----------|----------|-------|-------|--------------|-------|-------|-------|--------|-------|-----------|-----------|----------|
| | - : | 11 | Flr | Wall | | | | | LII | e nesis | lanı | | | | | Jst | Conc | Stee |
| loor | Fin | Use | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (-) | (+) | (+) |
| evel | Type FD | Type Country Club | Hgt 12' | Type 1 | 54.30 | | 59.50 | 62.10 | | 67.30 | 69.90 | 72.45 | 75.05 | 77.65 | 2.59 | 1.72 | 8.27 | 9.9 |
| rst | FU | Country Club | 12 | 2 | 54.90 | 58.10 | 61.30 | 64.50 | 67.70 | 70.90 | 74.10 | 77.35 | 80.55 | 83.75 | 3.20 | 1.72 | 8.27 | 9.9 |
| | | Funeral Home | 12' | 1 | 47.95 | 50.50 | 53.05 | 55.60 | 58.20 | 60.75 | 63.30 | 65.85 | 68.40 | 70.95 | 2.56 | 1.72 | 8.27 | 9.9 |
| | | Fulleral Monte | 12 | 2 | 48.55 | 51.70 | | 58.05 | | 64.40 | 67.55 | | 73.85 | 77.05 | 3.16 | 1.72 | 8.27 | 9.9 |
| | | Nursing Home | 10' | 1 | 47.10 | 49.25 | 51.40 | 53.55 | 55.70 | 57.85 | 60.00 | 62.15 | 64.30 | 66.50 | 2.16 | 1.72 | 7.94 | 9.5 |
| | | radialing Florine | 10 | 2 | 47.60 | | 52.90 | 55.55 | | 60.90 | 63.55 | 66.20 | 68.90 | 71.55 | 2.66 | 1.72 | 7.94 | 9.8 |
| | | Hotel Motel Unit | 10' | 1 | 49.50 | 51.65 | 53.85 | 56.05 | 58.20 | 60.40 | 62.60 | 64.80 | 66.95 | 69.15 | 2.19 | 1.72 | 7.94 | 9.5 |
| | | 1 lotor Motor Office | | 2 | 50.00 | 52.70 | 55.35 | 58.05 | 60.75 | 63.45 | 66.15 | 68.80 | 71.50 | 74.20 | 2.69 | 1.72 | 7.94 | 9.5 |
| | | Apartment | 10' | 1 | 34.05 | 36.20 | 38.40 | 40.55 | 42.70 | 44.90 | 47.05 | 49.20 | 51.35 | 53.55 | 2.16 | 1.71 | 7.86 | 9.4 |
| | | , paramoni | | 2 | 34.55 | 37.20 | 39.90 | 42.55 | 45.20 | 47.90 | 50.55 | 53.20 | 55.90 | 58.55 | 2.67 | 1.71 | 7.86 | 9.4 |
| /all | UF | +/- | 1' | 1 | 0.35 | 0.50 | 0.65 | 0.75 | 0.90 | 1.05 | 1.20 | 1.35 | 1.45 | 1.60 | 0.14 | 0.03 | 0.21 | 0.2 |
| gt. | ٥. | ** | | 2 | 0.35 | 0.55 | 0.75 | 0.90 | 1.10 | 1.30 | 1.50 | 1.70 | 1.85 | 2.05 | 0.19 | 0.03 | 0.21 | 0.2 |
| 3 | SF | +/- | 1' | 1 | 0.50 | 0.65 | 0.85 | 1.00 | 1.20 | 1.35 | 1.50 | 1.70 | 1.85 | 2.05 | 0.17 | 0.02 | 0.23 | 0.2 |
| | | | | 2 | 0.50 | 0.70 | 0.90 | 1.10 | 1.30 | 1.50 | 1.70 | 1.90 | 2.10 | 2.30 | 0.20 | 0.02 | 0.23 | 0.2 |
| | FO | +/- | 1' | 1 | 0.70 | 0.85 | 1.00 | 1.20 | 1.35 | 1.50 | 1.65 | 1.80 | 2.00 | 2.15 | 0.16 | 0.01 | 0.18 | 0.2 |
| | | | | 2 | 0.75 | 0.95 | 1.15 | 1.40 | 1.60 | 1.80 | 2.00 | 2.20 | 2.45 | 2.65 | 0.21 | 0.01 | 0.18 | 0.3 |
| | FD | +/- | 1' | 1 | 1.05 | 1.20 | 1.40 | 1.55 | 1.75 | 1.90 | 2.05 | 2.25 | 2.40 | 2.60 | 0.17 | 0.01 | 0.16 | 0. |
| | | | | 2 | 1.10 | 1.30 | 1.50 | 1.75 | 1.95 | 2.15 | 2.35 | 2.55 | 2.80 | 3.00 | 0.21 | 0.01 | 0.16 | 0. |
| pper | UF | Utility | 12' | 1 | 14.05 | 16.25 | 18.50 | 20.75 | 23.00 | 25.25 | 27.50 | 29.75 | 31.95 | 34.20 | 2.24 | 3.60 | 6.21 | 7. |
| | | | | 2 | 14.60 | 17.35 | 20.15 | 22.95 | 25.75 | 28.55 | 31.35 | 34.15 | 36.90 | 39.70 | 2.79 | 3.60 | 6.21 | 7. |
| | | Parking Garage | 10' | 1 | 16.80 | 18.05 | 19.30 | 20.60 | 21.85 | 23.10 | 24.35 | 25.65 | 26.90 | 28.15 | 1.26 | 4.90 | 5.26 | 6. |
| | | • • | | 2 | 17.25 | 18.95 | 20.65 | 22.40 | 24.10 | 25.80 | 27.55 | 29.25 | 30.95 | 32.65 | 1.71 | 4.90 | 5.26 | 6. |
| | | | | 4 | 15.80 | 16.10 | 16.40 | 16.70 | 17.00 | 17.30 | 17.60 | 17.90 | 18.20 | 18.45 | 0.29 | 4.90 | 5.26 | 6. |
| | FO | Health Club *** | 12' | 1 | 46.45 | 48.40 | 50.40 | 52.35 | 54.30 | 56.30 | 58.25 | 60.20 | 62.15 | 64.15 | 1.96 | 5.45 | 6.41 | 7. |
| | | | | 2 | 47.05 | 49.60 | 52.20 | 54.75 | 57.30 | 59.85 | 62.45 | 65.00 | 67.55 | 70.10 | 2.56 | 5.45 | 6.41 | 7. |
| | | General Retail | 12' | 1 | 27.40 | 29.80 | 32.20 | 34.60 | 37.00 | 39.40 | 41.80 | 44.15 | 46.55 | 48.95 | 2.39 | 3.67 | 6.01 | 7. |
| | | | | 2 | 28.00 | 31.00 | 33.95 | 36.95 | 39.90 | 42.85 | 45.85 | 48.80 | 51.80 | 54.75 | 2.97 | 3.67 | 6.01 | 7. |
| | | Mall Shops | 14' | 1 | 32.85 | 35.75 | 38.70 | 41.60 | 44.50 | 47.45 | 50.35 | 53.30 | 56.20 | 59.15 | 2.92 | 3.67 | 6.33 | 7. |
| | | | | 2 | 33.40 | 36.85 | 40.30 | 43.75 | 47.25 | 50.70 | 54.15 | 57.60 | 61.10 | 64.55 | 3.46 | 3.67 | 6.33 | 7.9 |
| | | Department Store | 14' | 1 | 44.85 | 47.15 | 49.45 | 51.80 | 54.10 | 56.45 | 58.75 | 61.05 | 63.40 | 65.70 | 2.32 | 5.27 | 6.39 | 8.6 |
| | | | | 2 | 45.50 | 48.50 | 51.50 | 54.50 | 57.50 | 60.50 | 63.50 | 66.50 | 69.50 | 72.50 | 3.00 | 5.27 | 6.39 | 8.9 |
| | | Dinning/Lounge | 12' | 1 | 46.00 | 48.55 | 51.10 | 53.60 | 56.15 | 58.70 | 61.25 | 63.80 | 66.35 | 68.90 | 2.55 | 3.67 | 6.01 | 7. |
| | | | | 2 | 46.55 | 49.70 | 52.80 | 55.95 | 59.05 | 62.20 | 65.30 | 68.45 | 71.60 | 74.70 | 3.13 | 3.67 | 6.01 | 7. |
| | FD | Hotel Motel | 12' | 1 | 48.60 | 51.20 | 53.80 | 56.45 | 59.05 | 61.65 | 64.25 | 66.85 | 69.50 | 72.10 | 2.61 | 3.98 | 6.47 | 8. |
| | | Service | | 2 | 49.20 | 52.45 | 55.65 | 58.85 | 62.10 | | 68.50 | 71.70 | 74.95 | 78.15 | 3.22 | 3.98 | 6.47 | 8. |
| | | General Office | 12' | 1 | 49.90 | 52.05 | 54.25 | 56.40 | 58.55 | 60.70 | 62.85 | 65.00 | 67.15 | 69.30 | 2.15 | 5.57 | 6.70 | 8. |
| | | | | 2 | 50.55 | | 56.15 | 58.95 | 61.70 | 64.50 | 67.30 | 70.10 | 72.85 | 75.65 | 2.79 | 5.57 | 6.70 | 8. |
| | | Medical Office | 11' | 1 | 52.85 | 55.25 | 57.65 | 60.05 | 62.45 | 64.85 | 67.25 | 69.70 | 72.10 | 74.50 | 2.41 | 4.00 | 6.57 | 8. |
| | | | | 2 | 53.40 | 56.40 | 59.40 | 62.40 | 65.40 | 68.40 | 71.40 | 74.40 | 77.40 | 80.40 | 3.00 | 4.00 | 6.57 | 8. |
| | | Nursing Home | 10' | 1 | 43.60 | 45.65 | 47.75 | 49.80 | 51.85 | 53.90 | 56.00 | 58.05 | 60.10 | 62.15 | 2.06 | 3.98 | 6.13 | 7. |
| | | | | 2 | 44.10 | | 49.25 | 51.80 | | 56.95 | 59.50 | 62.10 | 64.65 | 67.25 | 2.57 | 3.98 | 6.13 | 7. |
| | | Hotel Motel Unit | 10' | 1 | 46.00 | 48.10 | 50.20 | 52.30 | 54.40 | 56.45 | 58.55 | 60.65 | 62.75 | 64.85 | 2.09 | 3.98 | 6.13 | 7. |
| | | | | 2 | 46.50 | | 51.70 | 54.30 | 56.90 | | 62.10 | 64.70 | 67.30 | 69.90 | 2.60 | 3.98 | 6.13 | 7. |
| | | Apartment | 10' | 1 | 30.45 | | 34.60 | 36.70 | 38.75 | 40.85 | 42.90 | 45.00 | 47.05 | 49.15 | 2.07 | 3.94 | 6.58 | 8. |
| | | | | 2 | 30.75 | | 35.50 | 37.85 | 40.20 | 42.55 | 44.95 | 47.30 | 49.65 | 52.00 | 2.36 | 3.94 | 6.58 | 8. |
| Add | to base | price (1st floor) to ac | count fo | or roof de | eck park | ing | | | | | | | | | 3.61 | | | |
| Adjus | st base | price to account for be | alconie | s, per sq | uare foo | t of balo | cony are | ∍a | | | | | | | 23.11 | 1.53 | 2.15 | |
| * ^ ~ ~ . | per cou | rt racquetball | | | | | | | | | | | | 35,300 | | | | |
| Add | | | | | | | | | | | | | | | | | | |

¹ These rates represent an amount of increased cost to elevate a floor over and above what is included in the model for a floor. For instance, most if not all of our first floor models, have included a concrete floor. These costs represent the increased cost to suspend (based on the framing types) a floor higher than the existing floor. An example of this type of entity would be a raised area in a department store, where a set of 3 or 4 steps is required to raise the customer onto a more specialized or exclusively priced area of the store. The raising of a floor over and above what is included in the models could occur in any of the GCM first floor models.

These rates are only applicable to the area that is raised within a structure. If less than 100% of the structure or building section includes this feature, then the appropriate rate is multiplied by the percentage of the building or section that has this feature to determine the applicable adjustment.

GCR Base Prices (continued)

| | | | | | | | | | | 1 | | | | | |
|-------|------|----------------|-----|------|-------|-------|-------|-------|--------|----------|-------|-------|-------|-------|------|
| | | | | | | | | | Wo | od Joist | | | | | |
| Floor | Fin | Use | Flr | Wall | | | | | | | | | | | |
| Level | Type | Туре | Hgt | Туре | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 |
| First | FD | Motel Units | 9' | 1 | 37.40 | 38.90 | 40.35 | 41.85 | 43.30 | 44.80 | 46.30 | 47.75 | 49.25 | 50.75 | 1.48 |
| | | | | 2 | 37.90 | 39.85 | 41.85 | 43.80 | 45.80 | 47.80 | 49.75 | 51.75 | 53.70 | 55.70 | 1.98 |
| | | Funeral Home | 12' | 1 | 44.10 | 46.05 | 47.95 | 49.85 | 51.75 | 53.65 | 55.55 | 57.45 | 59.35 | 61.30 | 1.91 |
| | | | | 2 | 44.75 | 47.35 | 49.90 | 52.45 | 55.00_ | 57.55 | 60.10 | 62.70 | 65.25 | 67.80 | 2.56 |
| | | Nursing Home | 10' | 1 | 49.75 | 51.35 | 52.95 | 54.55 | 56.15 | 57.75 | 59.35 | 60.95 | 62.55 | 64.15 | 1.60 |
| | | | | 2 | 50.30 | 52.45 | 54.60 | 56.75 | 58.90 | 61.05 | 63.20 | 65.35 | 67.50 | 69.65 | 2.15 |
| | | Apartment | 9' | 1 | 29.30 | 30.75 | 32.25 | 33.75 | 35.20 | 36.70 | 38.20 | 39.65 | 41.15 | 42.65 | 1.48 |
| | | | | 2 | 29.80 | 31.75 | 33.75 | 35.70 | 37.70 | 39.65 | 41.65 | 43.65 | 45.60 | 47.60 | 1.98 |
| Upper | FO | Motel Service | 12' | 1 | 39.65 | 41.45 | 43.25 | 45.05 | 46.85 | 48.65 | 50.50 | 52.30 | 54.10 | 55.90 | 1.81 |
| • • • | | | | 2 | 40.25 | 42.75 | 45.20 | 47.65 | 50.10 | 52.55 | 55.00 | 57.45 | 59.90 | 62.35 | 2.45 |
| | | Dinning/Lounge | 12' | 1 | 40.65 | 42.40 | 44.20 | 46.00 | 47.80 | 49.55 | 51.35 | 53.15 | 54.95 | 56.75 | 1.79 |
| | | | | 2 | 41.25 | 43.70 | 46.10 | 48.55 | 50.95 | 53.40 | 55.80 | 58.25 | 60.65 | 63.10 | 2.42 |
| | FD | Motel Units | 9' | 1 | 32.05 | 33.45 | 34.85 | 36.25 | 37.65 | 39.05 | 40.45 | 41.85 | 43.25 | 44.65 | 1.40 |
| | | | | 2 | 32.55 | 34.40 | 36.30 | 38.20 | 40.05 | 41.95 | 43.85 | 45.75 | 47.60 | 49.50 | 1.89 |
| | | Apartment | 9' | 1 | 23.95 | 25.35 | 26.75 | 28.15 | 29.55 | 30.95 | 32.35 | 33.75 | 35.15 | 36.55 | 1.40 |
| | | • | | 2 | 24.40 | 26.30 | 28.20 | 30.10 | 31.95 | 33.85 | 35.75 | 37.65 | 39.50 | 41.40 | 1.89 |
| | | Nursing Home | 10' | 1 | 44.35 | 45.95 | 47.50 | 49.10 | 50.70 | 52.30 | 53.90 | 55.45 | 57.05 | 58.65 | 1.59 |
| | | - | | 2 | 44.90 | 47.00 | 49.15 | 51.30 | 53.45 | 55.60 | 57.70 | 59.85 | 62.00 | 64.15 | 2.14 |

SCHEDULE A.4

GCK Base Rates

Light preengineerd steel and pole framed buildings (used for C/I occupancies)

Per square foot, average quality, 12' eaves height

| | | | | | Perimet | er/Area R | atio | | | | |
|--|---------|-------|-------|-------|---------|-----------|-------|-------|-------|-------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 |
| Light metal/wood siding, pole frame | 8.55 | 8.95 | 9.35 | 9.75 | 10.20 | 10.60 | 11.00 | 11.40 | 11.85 | 12.25 | 0.41 |
| Add per P/A ratio: | | | | | | | | | | | |
| Exterior sheathing | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 0.10 |
| Insulation | 0.75 | 0.80 | 0.85 | 0.95 | 1.00 | 1.05 | 1.15 | 1.20 | 1.25 | 1.35 | 0.07 |
| Steel girts and purlins | 0.50 | 0.55 | 0.60 | 0.65 | 0.70 | 0.75 | 0.80 | 0.85 | 0.90 | 0.95 | 0.05 |
| Aluminum siding and roofing | 0.40 | 0.50 | 0.55 | 0.60 | 0.65 | 0.75 | 0.80 | 0.85 | 0.90 | 1.00 | 0.06 |
| Interior liner (1) | 1.45 | 1.60 | 1.80 | 1.95 | 2.15 | 2.30 | 2.45 | 2.65 | 2.80 | 3.00 | 0.17 |
| Heavy gauge siding and roofing (2) | 1.45 | 1.60 | 1.75 | 1.90 | 2.05 | 2.20 | 2.30 | 2.45 | 2.60 | 2.75 | 0.14 |
| Plastic panel siding | 0.35 | 0.75 | 1.10 | 1.45 | 1.80 | 2.20 | 2.55 | 2.90 | 3.30 | 3.65 | 0.36 |
| Sandwich paneling | 3.90 | 4.45 | 5.00 | 5.55 | 6.15 | 6.70 | 7.25 | 7.80 | 8.35 | 8.95 | 0.56 |
| Interior finish (3) | | | | | | | | | | | |
| Unfinished occupancies (UF) | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | |
| Semi-finished occupancies (SF) | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | |
| Finished open occupancies (FO) | 16.15 | 16.50 | 16.90 | 17.25 | 17.60 | 17.95 | 18.35 | 18.70 | 19.05 | 19.40 | 0.36 |
| Finished divided occupancies (FD) | 28.60 | 28.95 | 29.35 | 29.70 | 30.05 | 30.40 | 30.80 | 31.15 | 31.50 | 31.85 | 0.36 |
| Add per square foot of floor area for frame vari | ations: | | | | | | | | | | |
| Steel post and beam | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | |
| Rigid steel frame construction | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | |
| Deduct per square foot of floor area for abscen | ce: | | | | | | | | | | |
| Concrete floor | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | 3.35 | |

Add or deduct 2% (against the total rate) per foot of wall height variation.

Deduct 2% (against the total rate) for low profile (1:12 or less pitch) roof construction.

Adjust for quality grade from Schedule F.

Note (1) Liner is included with manufactured sandwich paneling

Note (2) 24 to 20 gauge steel; .032" to .050" thick aluminum.

| Note (3) Interior Components: | Walls/ LF | Flooring | Ceiling | Ptns&OF | Lighting | Heating | Add A/C | Sprk |
|-----------------------------------|-----------|----------|---------|---------|----------|---------|---------|------|
| Unfinished occupancies (UF) | | | | 0.80 | 1.55 | 1.00 | 1.90 | 6 |
| Semi-finished occupancies (SF) | | 0.60 | 0.50 | 1.55 | 3.20 | 1.20 | 1.90 | 6 |
| Finished open occupancies (FO) | 36.10 | 2.35 | 2.10 | 4.40 | 4.60 | 2.35 | 2.25 | 4 |
| Finished divided occupancies (FD) | 36.10 | 3.35 | 2.75 | 12.35 | 6.20 | 3.60 | 5.10 | 3 |

SCHEDULE E GC Special Features

Mezzanines

Per square foot, including, soffit finish, lighting, heating and plumbing unless noted

| plumbing unless noted. | | | | |
|------------------------|-------|-------|--------|-------|
| | | Frame | Э Туре | |
| | 1 | 2 | 3 | 4 |
| Unfinished | | | | |
| Light Util/Storage | 8.30 | 11.95 | 12.50 | 13.45 |
| Heavy Util/Storage | 10.30 | 14.50 | 14.65 | 15.90 |
| Semi - Finished | | | | |
| Light Mfg | 12.75 | 16.35 | 16.95 | 17.90 |
| Heavy Mfg | 14.75 | 18.95 | 19.05 | 20.30 |
| Finished Open | | | | |
| Retail | 20.50 | 24.20 | 24.70 | 25.70 |
| Lobby, Access Way | 25.35 | 29.35 | 29.70 | 30.80 |
| Office | 26.60 | 30.55 | 30.95 | 32.00 |
| Finished Divided | | | | |
| Dinning/Lounge | 31.75 | 35.45 | 35.95 | 36.95 |
| Office | 32.65 | 36.65 | 37.00 | 38.10 |

Add for air conditioning and sprinkler.

Penthouses

Per square foot

ELEVATORS AND STAIRWELLS

| | Area | | | | | | |
|---------------------------|-------|-------|-------|-------|--|--|--|
| | 50 | 75 | 100 | 150 | | | |
| Metal or Light Wood Frame | 42.20 | 35.75 | 31.90 | 27.35 | | | |
| Concrete Block or Equal | 82.80 | 69.55 | 61.65 | 52.30 | | | |
| Brick or Equal | 96.90 | 81.05 | 71.65 | 60.45 | | | |

Mall Concourse Areas

Per square foot.

Costs include paving, ramps, stairs, lighting and typical permanent focal elements, and architectural treatment, such as built-in seating, planters, etc.

OPEN MALL

Open air pedestrian concourse areas, generally referred to as an arcade or courtyard.

COVERED MALL

Covered common areas, consisting of roof cover and open entrance areas. Minimal protection from weather conditions. Typical roof finishes include mansards or canopies. Apply costs to covered area only.

ENCLOSED MALL

Enclosed common concourse areas, completely climatized typical of modern shopping malls where concourse area is bordered on all sides by shops and stores.

| Per S. F. | , average quality consti | ruction. | |
|-----------|--------------------------|----------|-------|
| Туре | Construction | Ra | ate |
| Open | | | 7.30 |
| | W 15 | | 00.40 |
| Covered | Wood Frame | | 23.10 |
| | Steel Frame | | 26.90 |
| | Reinforced Concrete | | 31.95 |
| | F.P. Steel Frame | | 38.15 |
| Enclosed | 1 | First | Upper |
| LIICIOSEG | | | |
| | Wood Frame | 37.80 | 31.35 |
| | Steel Frame | 40.80 | 36.80 |
| | Reinforced Concrete | 48.50 | 42.70 |
| | F.P. Steel Frame | 49.95 | 44.35 |
| *Additive | for walls | 3.25 | |

Price basements from appropriate model in Schedule A. Adjust for quality grade from Schedule F in Appendix C.

NOTE: That the above rates are based on a zero (0) P/A ratio, add for walls by applying the additive rate to the subject P/A ratio, and adjusting the result to account for the percentage of walls priced with the shop enclosures. For example, a "T" shaped concourse area 60' x 200' and 60' x 100' x 20' high with shops 16' high would have a perimeter of 720 L/F and a P/A ratio of 4 (720 L/F / 18,000 SF) with 180 L/F of walls full height and 540 L/F clerestory walls 4' high. This amounts to an average of 40% wall coverage (.25 x 100% + .75 x 20%). The additive for walls would therefore be calculated as 4 x the additive rate x 40%.

MECHANICAL BOOMS

| MEGINATORE HOOMO | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | Area | | | | |
| | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| Metal or Light Wood Frame | 24.60 | 19.45 | 17.20 | 15.80 | 14.90 | 14.20 | 13.65 | 13.25 | 12.90 | 12.60 |
| Concrete Block or Equal | 46.70 | 36.15 | 31.50 | 28.70 | 26.80 | 25.40 | 24.30 | 23.40 | 22.70 | 22.05 |
| Brick or Equal | 53.75 | 41.15 | 35.55 | 32.20 | 29.95 | 28.25 | 26.95 | 25.90 | 25.05 | 24.30 |

NOTE: Price larger structures off of the GCI utility/storage upper floor model.

9200

1500 11200

17300

41500

18

SCHEDULE E (continued)

GC Special Features

Banking Features

Cost per square foot of floor area, based on an average 8' ceiling height, exclusive of floor and doors but including lighting, ventilation, and interior finish.

| Туре | Low Cost | Average | Good |
|----------------|----------|---------|--------|
| Money Vault | 99.30 | 130.25 | 161.20 |
| Record Storage | 39.70 | 47.30 | 54.90 |

Add for money vault doors (thickness of steel plating w/o locking mechanism)

| Thickness | Rectangular | Circular |
|-----------|-------------|----------|
| 2" | 5500 | |
| 3" | 7900 | |
| 4" | 14600 | |
| 6" | 21000 | |
| 8" | 26500 | 96900 |
| 10" | 32100 | 103700 |
| 12" | 39700 | 110700 |
| 14" | 44400 | 118600 |
| 16" | 53700 | 126700 |

| Add for | record | storage | vault | doors |
|---------|--------|---------|-------|-------|
|---------|--------|---------|-------|-------|

| 1/2 hour fire rating | 1300 |
|----------------------|------|
| 1 hour fire rating | 2600 |
| 2 hour fire rating | 3000 |
| 3 hour fire rating | 3200 |
| 4 hour fire rating | 3300 |
| 6 hour fire rating | 4200 |

10 00700

Drive-up/walk-up teller windows, each

2-way screen and intercom, each

w/o Lobby

479.00

272 00

Add for canopy, per square foot

Complete with receptacle box, pneumatic tube,

Complete with receptacle box, pneumatic tube,

NOTE: The pneumatic tube described above refers to in-ground permanent type construction.

ATM Enclosures, per square foot, average quality

Adjust for quality grade from Schedule F in Appendix C.

w/Lobby

225.00

165.00

Vision window only, per station

Night depositories, each

and intercom, each

Autotellers

of ATM

2

DRIVE-IN TELLER BOOTHS

Per square foot including finish, lighting, heating, air conditioning (average quality construction) add for drive-in windows, adjust for quality grade from Schedule F in Appendix C.

| | P/A Ratio | | | | | | | | | |
|-------------|----------------|---------|--------|--------|--------|--------|--------|--------|------|--|
| Wall Hgt. | 35.0 | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | +/- | |
| 8' | 93.45 | 101.95 | 110.45 | 118.95 | 127.45 | 135.95 | 144.45 | 152.95 | 1.70 | |
| 9' | 100.75 | 110.25 | 119.75 | 129.25 | 138.75 | 148.25 | 157.75 | 167.25 | 1.90 | |
| 10' | 108.00 | 118.50 | 129.00 | 139.50 | 150.00 | 160.50 | 171.00 | 181.50 | 2.10 | |
| Add per can | nopy, per squa | re foot | | 18.10 | 28.70 | | | | | |

Atriums

Typical of those found in contemporary office buildings, hotels and high rise apartments

| Equiva | lent | Perimeter Area Ratio | | | | | | | | | |
|-----------|---------|----------------------|--------|--------|--------|--------|--------|--------|-------|--|--|
| No. Sto | ories - | 0 | 1 | 2 | 3 | 4 | 5 | 6 | +1 | | |
| 12' | 1 | 61.45 | 63.45 | 65.45 | 67.45 | 69.45 | 71.45 | 73.45 | 2.00 | | |
| 22' | 2 | 66.60 | 70.30 | 74.00 | 77.70 | 81.40 | 85.10 | 88.80 | 3.70 | | |
| 32' | 3 | 71.75 | 77.15 | 82.55 | 87.95 | 93.35 | 98.75 | 104.15 | 5.40 | | |
| 42' | 4 | 76.90 | 84.00 | 91.10 | 98.20 | 105.30 | 112.40 | 119.50 | 7.10 | | |
| 52' | 5 | 82.05 | 90.85 | 99.65 | 108.45 | 117.25 | 126.05 | 134.85 | 8.80 | | |
| 62' | 6 | 87.20 | 97.70 | 108.20 | 118.70 | 129.20 | 139.70 | 150.20 | 10.50 | | |
| 72' | 7 | 92.35 | 104.55 | 116.75 | 128.95 | 141.15 | 153.35 | 165.55 | 12.20 | | |
| 82' | 8 | 97.50 | 111.40 | 125.30 | 139.20 | 153.10 | 167.00 | 180.90 | 13.90 | | |
| Add pe | r | | | | | | | | | | |
| add'l fle | oor | 5.15 | 6.85 | 8.55 | 10.25 | 11.95 | 13.65 | 15.35 | 1.70 | | |

Per square foot for average quality structural, glazed and fireproofed steel frame construction, adjust for variations in quality grade from Schedule F in Appendix C. It should be noted, however, that typical atrium construction is characterized by good quality materials, workmanship and features.

Sprinkler system is priced from Group 4 of the sprinkler schedule. Air conditioning in atrium areas is considered overflow from the main structure and no separate square foot pricing is required to adjust the atrium value.

NOTE: The zero (0) perimeter-to-area ratio is applicable to those areas that have no perimeter walls and therefore must not include an allowance for walls in the square foot rate. These areas are typically found in high rise atriums where structural walls forming the perimeter of concourse shops, offices, hotel units and other such occupancies should be valued as part of that space by applying the appropriate model rather than part of the atrium proper.

Version A—Real Property Assessment Guideline

Yard Improvements

Mobile Home Parks

General Specifications

EXCELLENT "A"

The excellent mobile home park provides deluxe accommodations for the largest single and double wide homes. It will have complete and varies recreational facilities of top quality and feature generous amounts or landscaping, sprinkler systems, etc.

GOOD 'B'

The typical good park is one catering to the larger, permanent mobile home. It will accommodate a limited quantity of double wides and will feature complete recreational facilities. All utilities are underground and may include cable TV systems.

AVERAGE 'C'

This type of park is built more for permanent occupancy and will have spaces to accommodate the manufactured home up to sixty (60) feet but few if, any, double wide versions. They will have utility buildings, office and possibly recreational facilities, electrical costs include underground service and telephone

to most sites as well as street lighting.

LOW COST "D"

Developed for transient or semi-permanent occupancy, these parks usually have car-drawn trailers up to forty-five feet (45) long. They feature limited planning and facilities and have sewer or septic system hook-ups and water, but not gas hook-ups, except to utility buildings and electrical service is overhead.

CHEAP 'E'

Typical of sites developed in outlying rural areas where there is minimal or no building code enforcement. There will be close spacing and few facilities and are designed for smaller mobile homes. They feature water service to common hydrants with no trailer hook-ups.

COST PER SITE

| Quality Grade | Α | | В | | С | | D | | E | |
|----------------------|--|---|---|--|---|--|---|--|--|---|
| *Site Size (Sq. Ft.) | 2700 | 5100 | 2000 | 4700 | 1700 | 3700 | 1000 | 2900 | 700 | 2400 |
| **Cost Range (\$) | 9860 | 10910 | 7110 | 8320 | 4670 | 5770 | 3190 | 4130 | 1630 | 2410 |
| | | | | | | | | | ••• | |
| | 970 | 1080 | 720 | 840 | 480 - | 590 | 330 | 420 | 160 | 240 |
| | 930 | 1030 | 650 | 770 | 410 | 510 | 260 - | 340 | 130 | 190 |
| | 1440 | 1590 | 1060 | 1240 | 700 | 870 | 530 | 690 | 320 | 470 |
| | 1240 | 1370 | 810 | 950 | 530 | 650 | 350 | 450 | 180 | 260 |
| | 940 | 1040 | 770 | 900 | 580 | 720 | 420 | 540 | 250 | 370 |
| | 920 | 1010 | 700 | 820 | 480 | 590 | 350 | 450 | 200 | 300 |
| | 1540 | 1700 | 1140 | 1330 | 760 | 940 | 520 | 670 | 270 | 400 |
| | 600 | 670 | 420 | 490 | 260 | 320 | 160 | 210 | | |
| ٦, | | | | | | | | | | |
| | 1280 | 1420 | 840 | 980 | 470 | 580 | 270 | 360 | 120 | 180 |
| | 9860 | 10910 | 7110 | 8320 | 4670 - | 5770 | 3190 | 4130 | 1630 | 2410 |
| | *Site Size (Sq. Ft.) **Cost Range (\$) | *Site Size (Sq. Ft.) 2700 **Cost Range (\$) 9860 970 930 1440 1240 940 920 1540 600 1, 1280 | *Site Size (Sq. Ft.) 2700 5100 **Cost Range (\$) 9860 10910 970 1080 930 1030 1440 1590 1240 1370 940 1040 920 1010 1540 1700 600 670 1, 1280 1420 | *Site Size (Sq. Ft.) 2700 5100 2000 **Cost Range (\$) 9860 10910 7110 970 1080 720 930 1030 650 1440 1590 1060 1240 1370 810 940 1040 770 920 1010 700 1540 1700 1140 600 670 420 1, | *Site Size (Sq. Ft.) 2700 5100 2000 4700 **Cost Range (\$) 9860 10910 7110 8320 970 1080 720 840 930 1030 650 770 1440 1590 1060 1240 1240 1370 810 950 940 1040 770 900 920 1010 700 820 1540 1700 1140 1330 600 670 420 490 | *Site Size (Sq. Ft.) 2700 5100 2000 4700 1700 **Cost Range (\$) 9860 10910 7110 8320 4670 970 1080 720 840 480 930 1030 650 770 410 1440 1590 1060 1240 700 1240 1370 810 950 530 940 1040 770 900 580 920 1010 700 820 480 1540 1700 1140 1330 760 600 670 420 490 260 1, 1280 1420 840 980 470 1280 1420 840 980 470 | *Site Size (Sq. Ft.) 2700 5100 2000 4700 1700 3700 **Cost Range (\$) 9860 10910 7110 8320 4670 5770 970 1080 720 840 480 590 930 1030 650 770 410 510 1440 1590 1060 1240 700 870 1240 1370 810 950 530 650 940 1040 770 900 580 720 920 1010 700 820 480 590 1540 1700 1140 1330 760 940 600 670 420 490 260 320 | *Site Size (Sq. Ft.) 2700 5100 2000 4700 1700 3700 1000 **Cost Range (\$) 9860 10910 7110 8320 4670 5770 3190 970 1080 720 840 480 590 330 930 1030 650 770 410 510 260 1440 1590 1060 1240 700 870 530 1240 1370 810 950 530 650 350 940 1040 770 900 580 720 420 920 1010 700 820 480 590 350 1540 1700 1140 1330 760 940 520 600 670 420 490 260 320 160 1, 1280 1420 840 980 470 580 270 | *Site Size (Sq. Ft.) 2700 5100 2000 4700 1700 3700 1000 2900 **Cost Range (\$) 9860 10910 7110 8320 4670 5770 3190 4130 970 1080 720 840 480 590 330 420 930 1030 650 770 410 510 260 340 1440 1590 1060 1240 700 870 530 690 1240 1370 810 950 530 650 350 450 940 1040 770 900 580 720 420 540 920 1010 700 820 480 590 350 450 1540 1700 1140 1330 760 940 520 670 600 670 420 490 260 320 160 210 1, 1280 1420 840 980 470 580 270 360 | *Site Size (Sq. Ft.) 2700 5100 2000 4700 1700 3700 1000 2900 700 **Cost Range (\$) 9860 10910 7110 8320 4670 5770 3190 4130 1630 970 1080 720 840 480 590 330 420 160 930 1030 650 770 410 510 260 340 130 1440 1590 1060 1240 700 870 530 690 320 1240 1370 810 950 530 650 350 450 180 940 1040 770 900 580 720 420 540 250 920 1010 700 820 480 590 350 450 200 1540 1700 1140 1330 760 940 520 670 270 600 670 420 490 260 320 160 210 1, |

^{*}Site size refers to the average of the actual site on which the mobile home is situated, exclusive of access drives, recreation areas, and service areas.

NOTE: In appraising mobile home parks through the use of this schedule, complete the following steps:

- Enter the number of sites and proper rate in the SUMMARY OF IMPROVEMENTS section and calculate replacement cost.
- 2. Apply proper depreciation considering age and condition (use residential guidelines)
- Appraise other structures (i.e. garages, community rooms, laundry buildings, etc.) from appropriate schedules.

NOTE: This schedule is NOT to be used for recreational vehicle parks.

^{**}The cost range per site includes all of the components shown above, naturally, if the sites being appraised do not include all of the above components, proper deductions should be made according to the above schedule.